

Manual Index



HP 250

HP 250 Manual Index

Manual Part No. 45251-90045



Hewlett-Packard Company
19447 Pruneridge Ave., California, U.S.A. 95014

MANUAL OVERVIEW

Installation Manuals

Site Selection Workbook (45251-87903) - contains the Site Selection Guide (45251-90040) and a folder of materials to aid in selecting the location for your HP 250. Electrical and physical specifications for the HP 250 are listed.

HP45120A Interface Installation and Reference (45120-90060) - covers installing and testing both the HP45120A Interface and REMOTE/250 Consoles (HP2649D terminals). This manual replaces the HP45120A Serial Interface Installation Note (45120A-90065) and is supplied with the HP45120A.

Operating Manuals

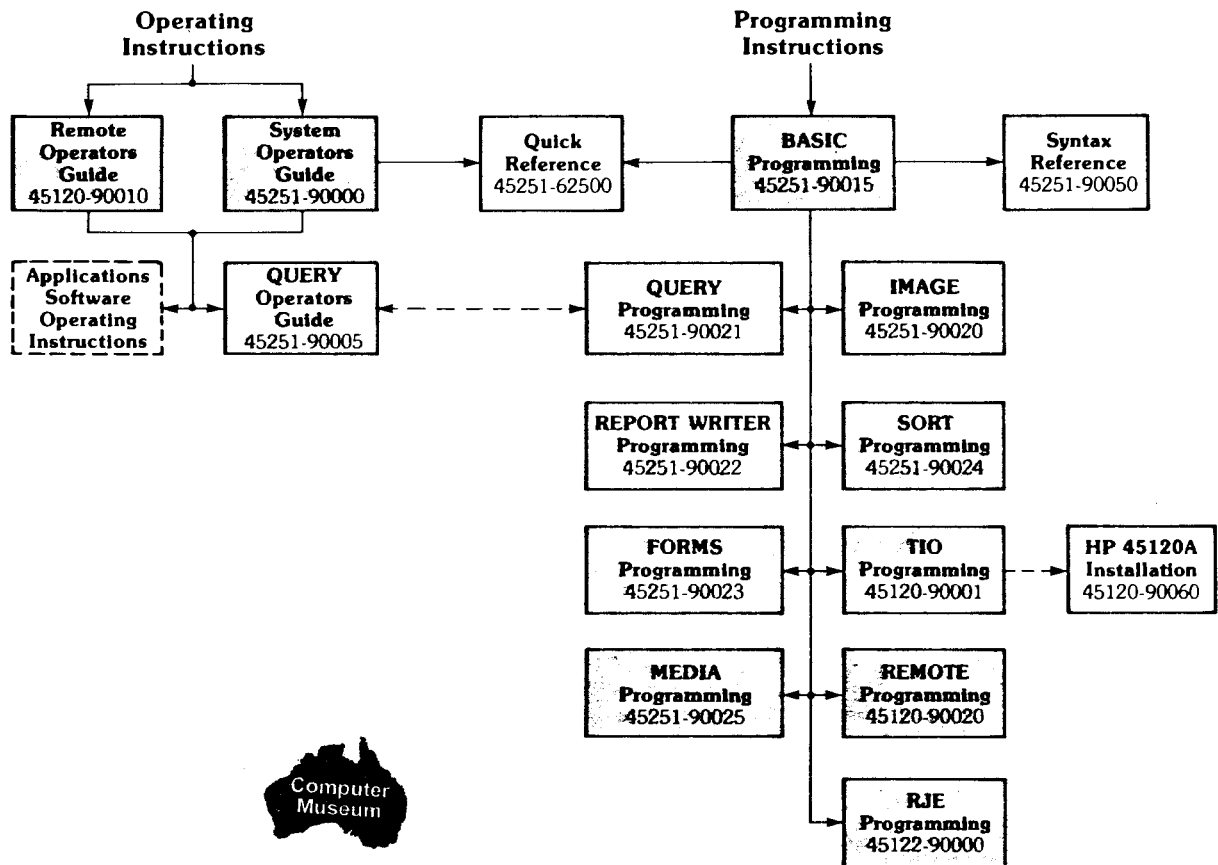
System Operators Guide (45251-90000) - introduces the HP 250 to the system operator in a friendly, non-technical style. The manual covers system components, keyboard operations, system commands, printer instructions, disc operations, etc. The standard error messages are described.

QUERY/250 Operators Guide (45251-90005) - explains the use of QUERY software to gain access to, list, and modify information in a data base. The guide assumes that the user is not a programmer and has minimal knowledge of data base structure and format.

REMOTE/250 Operators Guide (45120-90010) - introduces the REMOTE/250 to the operator in a friendly, non-technical style. The manual covers remote components, keyboard operations, system commands, printer instructions, disc operations, self-testing features, and lists all error messages.

INTRODUCTION

This manual provides a brief overview of each manual supplied with the HP 250 Business System. The HP 250 user documentation scheme is shown below; the index beginning on page 13 lists subjects in all manuals not shaded. The next section includes a description of each installation, operating, and programming manual. Following that, a list of all files contained within Operating System Revision 3.0 is given. Finally, an index of subjects covered in the HP 250 documentation is presented.



PRINTING HISTORY

The third edition of this Manual Index is updated to cover the documentation supplied with Operating System Revision 3.0.

The manual printing date and part number indicate its current edition. The printing date changes when a new edition is printed. (Minor corrections and updates which are incorporated at reprint do not cause the date to change.) The manual part number changes when extensive technical changes are incorporated.

January 1979 ... FIRST EDITION

August 1979 ... SECOND EDITION

August 1980 ... THIRD EDITION

NOTICE

The information contained in this document is subject to change without notice.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

Hewlett-Packard assumes no responsibility for the use or reliability of its software on equipment that is not furnished by Hewlett-Packard.

This document contains proprietary information which is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced or translated to another program language without the prior written consent of Hewlett-Packard Company.

Programming Manuals

- BASIC/250 Programming Manual (45251-90015)** - This is the programmer's reference to each statement, function, operation, and command in the BASIC/250 language. Memory configurations, flexible disc structure, and system utility programs are covered. The following software modules (DROMs) are also described: COPY, SPOOL, TRACE, and TRIG.
- Syntax Reference (45251-90050)** - This is a condensed list of the HP 250 language syntax and error codes in a pocket-sized book. The complete BASIC/250 language and all enhancements are listed.
- IMAGE/250 Programming Manual (45251-90020)** - This manual describes how to define, create, manipulate, and maintain an IMAGE data base. The PACK DROM and other data base utilities are also covered.
- QUERY/250 Programming Manual (45251-90021)** - covers the programming operations needed to implement QUERY/250 features. A summary of QUERY/250 commands is included.
- REPORT WRITER/250 Programming Manual (45251-90022)** - describes how to define and generate reports using REPORT WRITER/250 software.
- FORMS/250 Programming Manual (45251-90023)** - shows how to create and use customized display forms for input and output using FORMS/250 software.
- SORT/250 Programming Manual (45251-90024)** - explains how to set up and implement sorts on data base information using the SORT/250 software.
- TIO/250 Programming Manual (45120-90001)** - describes using the TIO/250 software to control remote printers and terminals. Asynchronous communication with the HP3000 via the LK3000 utility is also described.

REMOTE/250 Programming Manual (45120-90020) - describes
REMOTE/250 interaction with the HP 250. Also discussed is
resource management and performance considerations for
multi-user systems.

MEDIA/250 Programming Manual (45251-90025) - covers using the
MEDIA DROM to read information from flexible discs with IBM
format.

RJE/250 User's Manual (45122-90000) - describes the synchronous
data communication capabilities of the HP 250 via RJE/250
software. Also covered are setting up communication
configuration files, troubleshooting utilities, and
communication error messages.

OPERATING SYSTEM DISC DIRECTORY

With the release of Operating System 3.0, the operating system files reside on three discs: the SYSTEM disc, the UTILITY disc, and the QUERY disc.

The following symbols indicate the file history:

- (1) Files added with revision 1.C.
- (2) Files added with revision 2.A.
- (3) Files added with revision 3.
- (*) Operational changes have occurred since revision 2.3

Refer to each updated manual for details on new files and operational changes.

OPERATING SYSTEM DISC (volume SYSTEM)

<u>File Name</u>	<u>Description</u>	<u>Documentation</u>
SYSTEM EUROPE	BASIC Operating System European Character Sorting DROM	BASIC/250 Prog. Mnl.
PACK IMAGE IMAGE2 (2) IMAGEU (2)	Data Base DROMs	IMAGE /250 Prog. Mnl.
SORT	Data Item Sorting DROM	SORT/250 Prog. Mnl.
REPORT	Report Writer DROM	REPORT WRITER Prog Mnl.
FORMS	CRT Forms DROM	FORMS/250 Prog. Mnl.
RIO (2)	Remote Consoles DROM	REMOTE/250 Prog. Mnl.
TIO (1)	Asynchronous Data Comm DROM	TIO/250 Prog. Mnl.
CS250 (3)	Synchronous Data Comm DROM	RJE/250 User's Mnl.
CTRACE (3)	Synchronous trace DROM	RJE/250 User's Mnl.

<u>File Name</u>	<u>Description</u>	<u>Documentation</u>
MEDIA (3)	Handles IBM formatted discs (formerly known as ALIEN)	MEDIA/250 Prog. Mnl.
SYSRR (2)	System Error Diagnostic	On-site Service Handbook
TASK (3)	Attach & Detach Capabilities	BASIC/250 Prog. Mnl.
TRACE TRIG MATRIX (2) SPOOL (2) COPY (2)	BASIC Enhancement DROMs	BASIC/250 Prog. Mnl.
EUR71 (2)		
P2608 (2)		
CONFIG AFIG (2) MFIG RFIG (1*)		

UTILITIES DISC (volume UTILITY)

EDITOR EDERRS	Text Editor Utility	IMAGE/250 Prog. Mnl, (Appendix B)
DBSTOR	Advanced IMAGE Statements	IMAGE/250 Prog. Mnl, (Chapter 3)
DBPASS (2)	Data Base Password Utility	IMAGE/250 Prog. Mnl, (Chapter 4)
DBUTIL (2)	Binary Utility Statements	IMAGE/250 Prog. Mnl. (Chapter 4)

<u>File Name</u>	<u>Description</u>	<u>Documentation</u>
DBMODS (2)	Data Base Mod's Utility	IMAGE/250 Prog. Mnl., (Chapter 4)
DMerrs (2)		
DMsub1 (2)		
DMsub2 (2)		
DMsub3 (2)		
DMsub4 (2)		
DMsub5 (2)		
DMsub6 (2)		
DMsub7 (2)		
DMfm01 (2)		
DMfm02 (2)		
DMfm03 (2)		
DMfm04 (2)		
DMfm05 (2)		
DMfm06 (2)		
DMfm07 (2)		
DMfm08 (2)		
DMfm09 (2)		
DMfm10 (2)		
XCOPY (2)	Data Base Copy Utility	IMAGE/250 Prog. Mnl., (Chapter 4)
SCHEMA	Schema Processor Utility	IMAGE/250 Prog. Mnl., (Chapter 2)
SCHOV2		
SCHOV3		
SCHERR		
CFORM	FORMS/250 Utilities	FORMS/250 Prog. Mnl.
CFRM		
MFORM		
MFRM		
PFORM (1)		
PFRM (1)		
PFORMB (1)		
DBUNLD	Data Base Unload Utility	IMAGE/250 Prog. Mnl., (Chapter 5)
DBULD		
UNERRD		
DBFM1D		
DBFM2D		
DBLOAD	Data Base Load Utility	IMAGE/250 Prog. Mnl., (Chapter 5)
DBLOD		
DBLD (2)		
LDERRD		
DBFM3D		
DBFM4D		
DBFM5D		

<u>File Name</u>	<u>Description</u>	<u>Documentation</u>
BACKUP (3) BKSUB1 (3) BKSUB2 (3) BCKF1 (3) BCKF2 (3) BCKF3 (3) BCKF4 (3) BCKF5 (3) BCKF6 (3) RECOVR (3) RCOVR2 (3) RCOVR3 (3) RCSUB1 (3) RCVRF1 (3) RCVRF2 (3) RCVRF3 (3) RCVRF4 (3)	Backup and Recovery Utilities	BASIC/250 Prog. Mnl., (Appendix C)
INIT (*) DUPL DUP (2) CATBIN REVCHK (2) R-ONLY (2)	System Utilities	BASIC/250 Prog. Mnl., (Appendix C)
ROUTIL ROUTD (2) ROUTL (2) ROUTK (2)	Run-only Utility (ROUTIL)	BASIC/250 Prog. Mnl., (Appendix C)
XREF (2) XRSB1 (2) XRFM1 (2) REF1 (2) REF1 (2) REF1 (2)	Cross Reference Utility	BASIC/250 Prog. Mnl., (Appendix C)
LK3000	HP3000 Terminal Link Utility	TIO/250 Prog. Mnl., (Appendix C)
WORK	Workfile Size Utility	SORT/250 Prog. Mnl., (Appendix D)
TEST DISPLY PRINTR (2) HMEDIA (2) IMEDIA (3) MTEST (2)	System Test Programs	System Operators Guide, (Chapter 4) or On-site Service Handbook

QUERY DISC (volume QUERY)

<u>File Name</u>	<u>Description</u>	<u>Documentation</u>
QUERY		
QRMN01		
QRUT01		
QRUT03		
QRCI01		
QRCI02		
QRCP01		
QRPR01		
QRPR02		
QRPR03		
QRPR04		
QRPR05		
QRPR06		
QRPR07		
QRPR08		
QREX01		
QREX02		
QREX03		
QREX04		
QREX05	Data Base QUERY Files	QUERY/250 Op. Guide
QRda01		QUERY/250 Prog. Mnl.
QRda02		
QRda03		
QRda04		
QRfm01		
QRfm02		
QRfm03		
QRfm04		
QRfm05		
QRfm07		
QRfm09		
QRfm10		
QRfm11		
QRfm12		
QRfm13		
QRfm14		
QRfm15		
QRfm16		
QRfm17		

MANUAL INDEX

The accompanying index lists topics in each of these HP 250 manuals:

<u>Title</u>	<u>Title Code</u>
BASIC/250 Programming Manual	B
FORMS/250 Programming Manual	F
IMAGE/250 Programming Manual	I
MEDIA/250 Programming Manual	M
QUERY/250 Operators Guide	QO
QUERY/250 Programming Manual	QP
REMOTE/250 Operators Guide	RO
REMOTE/250 Programming Manual	RP
REPORT WRITER/250 Programming Manual	RW
RJE/250 Users Manual	RJ
SORT/250 Programming Manual	S
System Operators Guide	O
TIO/250 Programming Manual	T

Each index entry is organized by topic, manual title code, and page reference.



ABS[B] 3-8
accessories supplied[O] 43
accessories, system[O] 43
ACS[B] 3-12
ADD (with EDITOR)[I] B-4
ADD[QO] 23
AFIG utility[B] C-43
alphanumeric strings[B] 2-12
alternate character sets (with IMAGE) ..[B] 7-29
alternate character sets[B] 1-9
AND[B] 3-5
AREAD\$[T] 2-5
arithmetic operators[B] 3-1
array elements[B] 2-9
array identifiers[B] 2-17
array variables[B] 2-9
ASCII characters in strings[B] 2-2
ASCII codes[B] A-4
ASCII/EBCDIC character set[RJ] B-1
ASN[B] 3-12
ASSIGN[B] 6-26
ASSIGN\$ (with CHAR files)[M] 2-2
assigning variables[B] 2-22
assignment (LET)[B] 2-12
Asynchronous Serial Interface (ASI)[T] 1-1
ATN[B] 3-12
ATTACH\$[B] 10-2
AUTO RECEIVE[RJ] 2-9
AUTO[B] 1-14
automatic master data set[I] 1-8
autostart, system[B] 1-4
AVAIL[B] 6-48

B

background tasking[B] 10-1
backup (BKUP) files[I] 4-13
BACKUP utility[B] C-12
backup, database[I] 4-12
backup, disc (DUPL utility)[B] C-7
backup, disc (DUPLICATE)[B] C-41
backup, disc[O] 31
BASIC syntax listing[B] B-1
batch processing[RJ] 1-2
BEEP[B] 7-6
BEGIN REPORT[RW] 3-1

binary program (BPRG) files	[B]	6-56
bit bucket	[B]	1-25
bit	[O]	57
BL (with CURSOR)	[B]	7-18
blank spaces (with IMAGE)	[B]	7-28
blinking display fields	[B]	1-11
BLOCK MODE OFF#	[T]	2-10
BLOCK MODE ON#	[T]	2-10
block mode with HP3000	[T]	2-10
block switching, memory	[B]	1-18
block switching, memory	[RP]	1-2
braces in syntax	[B]	B-3
brackets in syntax	[B]	B-1
branching (with TIO)	[T]	3-2
branching statements	[B]	4-1
BREAK ON	[QO]	21
break output with HP3000	[T]	2-11
BREAK WHEN	[RW]	2-8
BUFFER#	[B]	6-51
BUFFERED (with ASSIGN)	[B]	6-27
buffering a file	[B]	6-51
built-in functions	[B]	3-8
busy lines (subprograms)	[B]	5-13
byte	[O]	57

C

cable configuration	[RJ]	E-2
calculated access	[I]	1-7
CALL	[B]	5-7
carriage control (with IMAGE)	[B]	7-34
carriage control tape	[RJ]	5-1
CASE ELSE	[B]	4-27
CASE	[B]	4-27
CAT or CATALOG	[B]	6-13
CATBIN utility program	[B]	C-20
CATFILE	[B]	C-20
CATLINE	[B]	C-21
CF# (with CURSOR)	[F]	5-2
CFORM Utility Program	[F]	2-1
chained access	[I]	1-6
CHANGE (with EDITOR)	[I]	B-5
CHAR Files	[M]	2-1
CHECK READ	[B]	6-53
CHECKREAD (with ASSIGN)	[B]	6-27
CHR\$	[B]	3-14
class words (with ASSIGN)	[B]	6-27
CLEAR FORM	[F]	5-2
CLOSE (RJE/250)	[RJ]	2-10
COL	[B]	9-1
COM	[B]	2-19
COM (with subprograms)	[B]	5-10
COMMAND (RJE/250)	[RJ]	2-12
command files	[RJ]	2-13

COMMAND	[B]	1-30
compacted specifier (with IMAGE)	[B]	7-34
computer terminal operation	[T]	2-9
computing range	[B]	2-4
concatination, string	[B]	3-4
condition word (CW)	[I]	E-3
conditional branching	[B]	4-4
CONT or CONTINUE	[B]	1-1
control number	[I]	2-5
control number	[QP]	4-1
COPY	[B]	6-54
COPY (RJE/250)	[RJ]	2-11
COPY (with spool files)	[B]	7-39
COPY DROM	[B]	7-38
copying data base files	[I]	4-34
copying DROMS	[B]	C-11
copying SYSTEM files	[B]	C-11
COS	[B]	3-12
CREATE (with CHAR files)	[M]	2-1
create form (CFORM) utility	[F]	2-1
CREATE	[B]	6-24
creating a DO file (QUERY)	[QP]	2-1
creating a workfile	[QP]	2-4
creating command files	[RJ]	2-15
CRT control (CURSOR)	[B]	7-14
CS250 DROM	[RJ]	1-2
CSFIG utility	[RJ]	4-1
CTRACE DROM	[RJ]	1-2
CURKEY	[B]	4-18
CURKEY (with TIO)	[T]	2-13
current environment	[B]	5-1
current line	[B]	B-3
CURSOR	[B]	7-14
CURSOR (with FORMS)	[F]	5-2
cursor control functions	[B]	7-14
cursor control keys	[B]	1-8

I>

data base	[I]	1-1
data base backup	[I]	4-12
data base control block (DBCB)	[I]	1-8
data base definition	[I]	2-1
data base description and terms	[Q]	1
data base design	[I]	5-1
data base locking	[I]	5-45
data base maintenance	[I]	4-1
data base manipulation (DBML)	[I]	3-1
data base restructuring	[I]	4-22
DATA BASE	[QO]	10
data chain	[I]	1-4
data communications interface	[T]	1-1
data files	[B]	6-24
data item (data base)	[I]	1-3

data path	[II]	1-4
data set	[II]	1-3
data set (DSET) files	[II]	4-2
data transmission terminals	[RJ]	1-1
DATA	[B]	2-22
date conversion	[QP]	5-1
date entry format	[QP]	5-3
DBASE IS	[II]	3-26
DBCLOSE	[II]	3-4
DBCREATE	[II]	4-2
DBDELETE	[II]	3-12
DBERASE	[II]	4-4
DBFIND	[II]	3-14
DBGET	[II]	3-6
DBINFO	[II]	3-16
DBLOAD errors	[II]	E-13
DBLOAD utility	[II]	4-17
DBLOCK	[II]	3-22
DBMAINT	[II]	4-31
DBMODS utility program	[II]	4-23
DBOPEN	[II]	3-2
DBPASS utility program	[II]	4-31
DBPASS	[II]	4-31
DBPURGE	[II]	4-6
DBPUT	[II]	3-10
DBRESTORE	[II]	4-11
DBSTOR utility	[II]	5-29
DBSTORE	[II]	4-9
DBUNLD errors	[II]	E-13
DBUNLD utility	[II]	4-13
DBUNLOCK	[II]	3-25
DBUPDATE	[II]	3-9
DBUTIL utility program	[II]	4-2
debugging programs	[B]	8-1
declaring variables	[B]	2-17
DEF FN	[B]	3-17
default drive	[B]	6-12
DEFAULT ON/OFF	[B]	3-7
default printer	[B]	7-2
defective track	[O]	58
defining functions	[B]	3-17
defining SFKs (typing aids)	[B]	1-31
defining SFKs (with ON KEY#)	[B]	4-14
DEG	[B]	3-12
DEL	[B]	1-14
DEL FN	[B]	5-9
DEL SUB	[B]	5-9
DEL	[B]	1-14
DELETE	[QO]	26
DELETE (with EDITOR)	[II]	B-6
DELETE FORM	[F]	5-4
DELETE# (with CHAR files)	[M]	2-5
DET	[B]	9-1
DETACH	[B]	10-3
detail data set	[II]	1-4

DETAIL LINE[RW] 3-2
 device address[B] 7-2
 device address, remote printer[RO] 4
 digit separator symbols (with IMAGE) ...[B] 7-31
 digit symbols (with IMAGE)[B] 7-29
 DIM[B] 2-18
 dimensioning variables[B] 2-17
 direct access[B] 6-7
 direct-word access[B] 6-8
 directed access[I] 1-5
 DISABLE[B] 4-18
 DISABLE (with TIO)[IT] 2-12
 disc backup (DUPL) utility[B] C-7
 disc formats[B] C-3
 disc operations[B] 6-1
 disc test[O] 52
 DISP[B] 7-7
 DISP (with FORMS)[F] 4-6
 DISP USING[B] 7-27
 display control characters[B] A-5
 display enhancement functions[B] 7-14
 display enhancement keys[B] 1-11
 display output operations[B] 7-7
 display test[O] 50
 DIV[B] 3-2
 divide (/)[B] 3-2
 DO[QO] 11
 DO files[QP] 2-1
 DOOR LOCK[B] 6-11
 DOOR UNLOCK[B] 6-11
 DOT[B] 9-1
 DROM files[B] 6-14
 DROM list (CONFIG)[B] C-22
 DROM memory configuration[B] C-22
 DROMs, copying[B] C-16
 DROUND[B] 3-8
 DUP utility program[B] C-41
 DUPL utility[B] C-7
 DUPLICATE[B] C-41
 duplicating discs (DUPL)[B] C-7
 DUPTTEST[B] C-41

E

ECHO OFF#[IT] 2-7
 ECHO ON#[IT] 2-7
 echoing input[IT] 2-7
 EDIT[B] 2-27
 EDIT KEY#[B] 1-31
 EDITOR commands[II] B-3
 EDITOR errors[II] E-1
 EDITOR utility[II] B-1
 elements, array[B] 2-10
 ELSE[B] 4-23



ENABLE	[B]	4-18
ENABLE (with TIO)	[T]	2-12
END	[B]	1-29
END (RJE/250)	[RJ]	2-1
END (with EDITOR)	[I]	B-7
END IF	[B]	4-23
END LOOP	[B]	4-25
END REPORT DESCRIPTION	[RW]	2-18
END REPORT	[RW]	3-6
END SELECT	[B]	4-27
END WHILE	[B]	4-24
ENTER	[B]	2-28
ENTER (with FORMS)	[F]	4-5
enter key	[O]	9
ERRL	[B]	4-20
ERRM\$	[B]	4-20
ERRN	[B]	4-20
error codes	[B]	1-16
error testing and recovery	[B]	4-20
EUR71 DROM	[B]	C-24
EUROPE DROM	[B]	C-24
EXCLUSIVE (with ASSIGN)	[B]	6-27
EXIT	[QO]	12
EXIT (with EDITOR)	[I]	B-7
EXIT FORM	[F]	5-3
EXIT IF	[B]	4-25
EXOR	[B]	3-5
EXP	[B]	3-8
exponent symbol (with IMAGE)	[B]	7-31
exponentiation (^ or **)	[B]	3-2

F

FCREATE	[B]	6-24
FETCH	[B]	1-15
file catalog	[B]	6-13
file number	[B]	B-4
file spec	[B]	B-5
file storage operations	[B]	6-1
file structure	[B]	6-5
FIND (with EDITOR)	[I]	B-8
FIND (with SORT)	[S]	2-7
FIND...FOR	[QO]	14
FIXED	[B]	2-6
FLOAT	[B]	2-7
floating point division	[B]	3-2
floating specifiers (with IMAGE)	[B]	7-32
FNEND	[B]	5-5
FOR and NEXT	[B]	4-6
FORM files	[B]	6-14
formal parameters	[B]	5-2
format string (with IMAGE)	[B]	7-26
formatted output	[B]	7-26
FORMS DROM	[F]	1-1

FRACT	[B]	3-8
full (real) precision	[B]	2-5
functions, built-in	[B]	3-8
functions, definable	[B]	3-17
functions, file storage	[B]	6-45
functions, string	[B]	3-14
functions, trigonometric	[B]	3-12

G

GATHER (with EDITOR)	[I]	B-9
GET	[B]	6-21
GET FORM	[F]	5-1
GOSUB	[B]	4-12
GOSUB...OF	[B]	4-13
GOTO	[B]	4-2
GOTO...OF	[B]	4-4
GRAD	[B]	3-12
GRAND TOTALS ON	[RW]	2-15
greater than (>)	[B]	3-4

H

halfbright display fields	[B]	7-18
HB (with CURSOR)	[B]	7-18
HEADER	[RW]	2-4
hierarchy, operational	[B]	3-7
HOLD (with EDITOR)	[I]	B-10
HOLE	[B]	6-47
HP Interchange format	[M]	1-3
HP-IB device address	[B]	7-2

I

IBM 3740 Disc Format	[M]	1-1
IBM Media Test	[M]	3-1
IBM Sector Formats	[M]	C-1
IBMDUMP	[M]	2-5
IBMWREC	[M]	2-8
IF (with CURSOR)	[B]	7-21
IF# (with CURSOR)	[F]	5-2
IF...THEN (structured)	[B]	4-23
IF...THEN	[B]	4-4
IF...THEN...ELSE	[B]	4-23
IMAGE	[B]	7-26
IMAGE (data base)	[I]	1-1
IMAGE 250/3000 comparison	[I]	D-1
image field overflow	[B]	7-3
IMAGE formatting symbols	[B]	A-3
IMAGE modes	[I]	D-2
image symbols, summary of	[B]	7-27
IMAGE2 DROM	[I]	5-45

IMAGEU DROM	[IJ]	4-1
implied LET	[B]	2-9
IN DATA SET	[IJ]	3-27
INDENT	[B]	4-29
INFO (RJE/250)	[RJ]	2-12
INFO	[QO]	10
INIT utility	[B]	C-1
initializing discs	[B]	C-1
initializing IBM Discs	[M]	3-3
INPUT	[B]	2-2
INPUT (with FORMS)	[F]	4-3
input fields	[F]	2-4
INT	[B]	3-8
integer division	[B]	3-2
integer precision	[B]	2-5
INTEGER	[B]	2-18
integrated diagnostic utility	[RJ]	6-1
interchange format (HP)	[M]	1-3
interleave (disc format)	[B]	C-3
interleave factor, disc	[B]	C-5
interrupt priority (with SFKs)	[B]	4-14
interrupt priority (with TIO)	[T]	2-4
inverse video fields	[B]	7-8
IV (with CURSOR)	[B]	7-18

K

KEEP (editor)	[IJ]	B-11
keyboard LED test	[RO]	22
keyboard matrix test	[RO]	21
keyboard operations	[O]	8
keyboard test	[O]	55
keyboards, foreign language	[B]	A-
KEYS files	[B]	1-33

L

labeling volumes (PRINT LABEL)	[B]	6-17
LAST BREAK	[RW]	4-6
LDISP	[B]	7-9
LDISP (with FORMS)	[F]	4-7
LEFT MARGIN	[RW]	2-11
LEN	[B]	3-14
LENTER	[B]	2-29
LENTER (with FORMS)	[F]	4-8
less than (<)	[B]	3-4
LET	[B]	2-9
LGT	[B]	3-8
LIN	[B]	7-1
line drawing characters	[B]	1-10
line drawing keyboards	[B]	A-6
line execute key	[B]	1-8
line id	[B]	B-3

line label	[B]	B-3
line number	[B]	B-3
LINEAR LIST	[QO]	19
LINK	[B]	6-22
LINPUT	[B]	2-26
LINPUT (with FORMS)	[F]	4-8
LINPUT# (with CHAR files)	[M]	2-4
LIST	[B]	1-15
LIST (with EDITOR)	[I]	B-12
LIST (with QUERY)	[QO]	18
LIST KEY#	[B]	1-32
LK3000 utility	[T]	C-1
LOAD	[B]	6-19
LOAD BIN	[B]	6-56
LOAD KEY	[B]	6-55
LOAD SUB	[B]	6-20
LOAD TAPE (RJE/250)	[RJ]	2-12
loader errors	[B]	D-5
loading paper, HP2631A	[O]	17
loading paper, HP9871A	[O]	19
LOCK#	[B]	6-52
locking disc doors	[B]	6-11
locking, data base	[I]	5-45
lockout	[RP]	2-1
LOG	[B]	3-8
logical operators	[B]	3-5
logical records	[B]	6-5
LOOP	[B]	4-25
looping (FOR and NEXT)	[B]	4-6
looping (LOOP and END LOOP)	[B]	4-25
LWC#	[B]	3-14

M

manual master data set	[I]	1-8
MASS STORAGE IS	[B]	6-12
mass storage operations	[B]	6-1
master data set	[I]	1-4
MAT INPUT	[B]	9-5
MAT PRINT	[B]	9-3
MAT PRINT#	[B]	9-4
MAT READ	[B]	9-2
MAT READ#	[B]	9-4
MAT	[B]	9-1
MAT...*	[B]	9-10
MAT...=	[B]	9-6
MAT...CON	[B]	9-5
MAT...CSUM	[B]	9-1
MAT...IDN	[B]	9-12
MAT...INV	[B]	9-12
MAT...RSUM	[B]	9-14
MAT...TRN	[B]	9-13
MAT...ZER	[B]	9-6
math functions	[B]	3-8

MATRIX DROM	[B]	9-1
matrix operations	[B]	9-1
MAX	[B]	3-8
MEDIA DROM	[M]	1-1
MEDIA Error Messages	[M]	B-1
MEDIA Syntax	[M]	A-1
memory configuration	[B]	C-44
memory map	[B]	1-17
MERGE	[B]	6-23
MFIG utility	[B]	C-44
MFORM utility	[F]	3-1
MIN	[B]	3-8
MOD	[B]	3-2
MODEM key	[RO]	15
modems	[RP]	1-5
MODIFY (with EDITOR)	[I]	B-13
modify form (MFORM) utility	[F]	3-1
MSI	[B]	6-12
multi-user output operations	[B]	7-5
multiple-line function subprogram	[B]	5-1
multiply (*)	[B]	3-2

N

name	[B]	B-3
nesting FOR-NEXT loops	[B]	4-9
nesting subroutines	[B]	4-11
NEXT	[B]	4-6
NORMAL	[B]	8-4
not equal to (<> or #)	[B]	3-4
NOT	[B]	3-5
null string	[B]	2-14
NUM	[B]	3-14
NUM BREAK	[RW]	4-4
NUM DETAIL	[RW]	4-3
NUM LINE	[RW]	4-6
NUM PAGE	[RW]	4-5
NUM PAGE=	[RW]	3-5
numeric expression	[B]	3-1
numeric formats	[B]	2-5
numeric functions	[B]	3-8
numeric range	[B]	2-4
numeric specifications (with IMAGE)	[B]	7-29

O

OF (with CURSOR)	[B]	7-21
OF# (with CURSOR)	[F]	5-2
OFF BREAK#	[T]	2-3
OFF CONNECT#	[T]	2-4
OFF DISCONNECT#	[T]	2-4
OFF END#	[B]	6-50
OFF ERROR	[B]	4-21

OFF HALT	[B]	4-22
OFF INPUT#	[I]	2-6
OFF KEY#	[B]	4-18
OLDCV	[RW]	4-5
ON BREAK #	[I]	2-3
ON CONNECT #	[I]	2-4
ON DISCONNECT#	[I]	2-4
ON END#	[B]	6-49
ON ERROR	[B]	4-20
ON HALT	[B]	4-22
ON INPUT#	[I]	2-5
ON KEY#	[B]	4-14
ON OUTPUT#	[I]	2-8
ON TRIGGER#	[I]	2-9
ON-condition statements	[I]	2-1
ON...GOSUB	[B]	4-12
ON...GOTO	[B]	4-3
one-character output with HP3000	[I]	2-11
OPEN (RJE/250)	[RJ]	2-3
opening data communications lines	[RJ]	2-3
operand	[B]	3-1
operating system (SYST) files	[B]	6-14
operators	[B]	3-1
OPTION BASE	[B]	2-17
OR	[B]	3-5
OTHR files	[B]	6-14
output fields (with FORMS)	[F]	2-5
output functions	[B]	7-10
output operations	[B]	7-1
OUTPUT TO	[QO]	17
overflow, image fields	[B]	7-37
overlay, keyboard SFKs	[O]	9
overlying programs	[B]	1-19

P

P2608 DROM	[B]	A-11
PACK DROM.....	[I]	A-1
PACK errors	[I]	E-5
PACK USING	[I]	A-2
PACKFMT	[I]	A-1
PAGE	[B]	7-13
PAGE HEADER	[RW]	2-3
PAGE LENGTH	[RW]	2-10
PAGE TRAILER	[RW]	2-6
PALL (with CURSOR)	[B]	7-21
parameters, syntax	[B]	B-3
part numbers and accessories	[O]	43
PASSWORD	[QO]	10
passwords	[I]	1-9
PAUSE	[B]	1-29
PAUSE AFTER	[RW]	2-12
peripheral list (CONFIG)	[B]	C-40
PFORM utility	[F]	6-1



physical records	[B]	6-5
PI	[B]	3-8
PL (with CURSOR)	[B]	7-21
pointers, data	[B]	6-29
pointers, field	[F]	4-2
pointers, record	[B]	6-29
pointers, repositioning	[B]	6-32
pointers, workfile	[S]	1-11
POS	[B]	3-14
power-up, system	[O]	3
precision variables	[B]	2-5
predicate locking	[I]	5-45
PREDICATE	[I]	3-30
PRINT	[B]	7-24
PRINT (with FORMS)	[F]	4-6
PRINT ALL IS	[B]	7-4
PRINT ALL IS (with spool files)	[B]	7-38
PRINT DETAIL IF	[RW]	2-14
print form (PFORM) utility	[F]	6-1
PRINT LABEL	[B]	6-17
PRINT USING	[B]	7-26
PRINT#	[B]	6-29
PRINT# (with CHAR files)	[M]	2-3
PRINT# (with workfiles)	[S]	2-9
print-all operations	[B]	7-4
printer codes, HP2631A	[B]	A-9
printer codes, HP9871A	[B]	A-10
printer control functions	[B]	7-41
PRINTER IS	[B]	7-3
PRINTER IS (with spool files)	[B]	7-38
printer test	[O]	51
printing forms	[F]	6-1
printing history, manual	[B]	ii
program (PROG) files	[B]	6-19
program annotations	[B]	1-25
program debugging	[B]	8-1
program termination	[B]	1-29
protect code	[B]	B-5
PROTECT	[B]	6-52
protecting a file	[B]	6-52
protecting discs	[B]	6-9
PROUND	[B]	3-8
PURGE	[B]	6-41

Q

QUERY Program	[QO]	7
QUERY syntax	[QP]	3-1

R

R-ONLY utility	[B]	C-57
RAD	[B]	3-12

radix symbols (with IMAGE)	[B]	7-30
RAM (read/write memory)	[B]	1-17
random numbers	[B]	3-10
RANDOMIZE	[B]	3-10
range, computing	[B]	2-4
RE (with CURSOR)	[B]	7-18
RE-SAVE	[B]	6-22
RE-STORE	[B]	6-20
RE-STORE BIN	[B]	6-56
RE-STORE KEY	[B]	6-55
READ DBPASSWORD	[I]	4-32
READ LABEL	[B]	6-17
READ	[B]	2-22
READ#	[B]	6-31
READ# (with workfiles)	[S]	2-9
read-only memory	[B]	1-17
read/write memory	[B]	1-17
READONLY (with ASSIGN)	[B]	6-27
real precision	[B]	2-5
REAL	[B]	2-19
REC	[B]	6-47
REC (with workfiles)	[S]	2-10
RECEIVE (RJE/250)	[RJ]	2-7
record pointers	[B]	6-29
records	[B]	6-5
RECOVR utility	[B]	C-21
REDIM	[B]	2-21
REDIM subscripts	[B]	B-4
relational operators	[B]	3-4
RELEASE	[B]	7-5
RELEASE (with TIO)	[T]	2-12
RELEASE#	[B]	10-3
REM	[B]	1-25
remote I/O configuration	[B]	C-46
remote Keys	[RO]	15
remote printer device address	[RO]	4
remote printer operation	[T]	2-8
remote terminal operation	[T]	2-4
REMOTE/250	[RO]	1
REN	[B]	1-14
RENAME	[B]	6-55
REPEAT	[B]	4-26
REPLACE (with XCOPY)	[I]	4-34
REPLACE	[QO]	25
replication of image symbols	[B]	7-33
REPORT DROM	[RW]	1-1
REPORT EXIT	[RW]	2-17
REPORT HEADER	[RW]	2-1
report subprogram	[QP]	2-2
REPORT TRAILER	[RW]	2-5
REQUEST	[B]	7-5
REQUEST (with TIO)	[T]	2-1
REQUEST#	[B]	10-3
RES	[B]	3-8
RESAVE or RE-SAVE	[B]	6-22

reset conditions	[B]	A-1
resource management (with RIO)	[RP]	2-1
RESTORE	[B]	2-23
restructuring a data base	[II]	5-32
RESUME key	[RO]	15
RETURN	[B]	4-11
REVCHK utility program	[B]	C-57
REVISION	[B]	3-8
RFIG utility	[B]	C-46
ribbon changing, HP2631A	[OI]	18
ribbon changing, HP9871A	[OI]	20
RIF (with CURSOR)	[B]	7-21
RIO DROM	[RP]	1-1
RIO	[RO]	1-1
RND	[B]	3-10
ROF (with CURSOR)	[B]	7-21
ROM (read-only memory)	[B]	1-17
ROOT files	[II]	2-13
rounding	[B]	2-8
ROUTIL utility	[B]	C-26
ROW	[B]	9-9
RPT\$	[B]	3-14
RUN	[B]	1-13
RUN (with QUERY)	[QO]	7
run-only programs	[B]	C-26
RUN-ONLY	[B]	C-57
running RJE/250	[RJ]	2-2
RW INFO	[RW]	4-7

S

S\$CONTROL	[II]	2-11
S\$PAGE	[II]	2-10
S\$TITLE	[II]	2-10
SAD data base examples	[II]	5-7
salvaging data	[II]	4-21
SAVE	[B]	6-20
SCHEMA commands	[II]	2-9
SCHEMA errors	[II]	E-6
schema processor	[II]	2-13
SCHEMA utility program	[II]	2-13
scientific notation	[OI]	60
SCRATCH commands	[B]	1-26
SCRATCH KEY #	[B]	1-26
search item	[II]	1-4
SECURE	[B]	1-26
SELECT	[B]	4-27
SEND (RJE/250)	[RJ]	2-5
SEND BREAK#	[IT]	2-11
SEND#	[IT]	2-11
sending data	[RJ]	2-5
serial access	[II]	1-5
serial file access	[B]	6-7
SET (with EDITOR)	[II]	B-14

SFKs (special function keys)	[B]	1-31
SFKs, defining softkeys	[B]	4-14
SGN	[B]	3-8
short precision	[B]	2-5
SHORT	[B]	2-18
sign symbols (with IMAGE)	[B]	7-30
simple variables	[B]	2-9
SIN	[B]	3-12
single stepping a program	[B]	8-1
single-character output with HP3000	[T]	2-11
single-line functions	[B]	3-17
SIZE	[B]	6-47
SIZE (with workfiles)	[S]	2-10
SLEN	[B]	6-47
softkey definitions (using ON KEY#)	[B]	4-14
softkeys	[B]	1-9
SORT BY	[QO]	20
SORT BY (with SORT)	[S]	2-5
SORT DROM	[S]	1-1
sorting data	[S]	1-5
sorting times	[S]	D-1
SPA	[B]	7-11
SPACE DEPENDENT	[B]	1-27
SPACE INDEPENDENT	[B]	1-28
special function keys (SFKs)	[B]	1-30
special function keys (SFKs)	[RO]	13
SPOOL DROM	[B]	7-38
spool files	[B]	7-38
spooling QUERY/250 output	[QO]	17
SQR	[B]	3-8
standard printer	[B]	B-5
STANDARD	[B]	2-6
status errors	[I]	E-3
STEP (with FOR)	[B]	4-6
STOP	[B]	1-29
STOP REPORT	[RW]	3-6
storage requirements	[B]	A-3
STORE	[B]	6-19
STORE BIN	[B]	6-56
STORE KEY	[B]	6-55
string arrays	[B]	2-12
string concatenation	[B]	3-4
string expressions	[B]	2-13
string specificatons (with IMAGE)	[B]	7-28
string variables	[B]	2-12
structured programming	[B]	4-23
SUB	[B]	5-7
SUB END	[B]	5-7
SUB EXIT	[B]	5-8
subprograms	[B]	5-1
subprograms; editing	[B]	5-9
subroutine subprogram	[B]	5-1
subroutines	[B]	4-11
subscripts	[B]	B-4
substrings	[B]	2-13

subtract (-)	[B]	3-2
SUM	[B]	9-9
SUPPRESS PRINT AT	[RW]	2-13
SUPPRESS PRINT FOR	[RW]	2-12
synchronous data transmission	[RJ]	1-4
synonyms	[I]	1-7
SYST (operating system) files	[B]	6-14
system area of memory	[B]	1-17
system commands	[B]	1-12
SYSTEM DROM, copying	[B]	C-31
SYSTEM errors	[B]	D-5
system loading	[O]	3
SYSTEM PRINTER IS	[B]	7-4
SYSTEM PRINTER IS (with spool files) ...	[B]	7-38
system printer operations	[B]	7-4
system tests	[O]	37

T

TAB	[B]	7-10
TAN	[B]	3-12
TASK DROM	[B]	10-2
temporary default states	[B]	5-9
terminal operation (with HP3000)	[T]	2-11
TEST key	[RO]	15
TEST utility	[O]	49
testing IBM Discs	[M]	3-1
testing system operation	[O]	49
testing the REMOTE/250	[RO]	19
TEXT (with EDITOR)	[I]	B-15
text editor (EDITOR) utility	[I]	B-1
text parameter	[B]	B-4
TFNUM	[F]	5-3
thread (with SORT)	[S]	1-1
THREAD	[QO]	16
TIO DROM	[T]	1-1
TOTAL	[QO]	20
TOTALS ON	[RW]	2-16
TRACE	[B]	8-2
TRACE (RJE/250)	[RJ]	2-12
TRACE ALL VARIABLES	[B]	8-4
TRACE ALL	[B]	8-4
TRACE DROM	[B]	8-1
TRACE PAUSE	[B]	8-3
TRACE VARIABLES	[B]	8-3
TRACE WAIT	[B]	8-2
tracing communications	[RJ]	6-9
TRAILER	[RW]	2-7
TRIG DROM	[B]	3-12
TRIGGER BREAK	[RW]	3-4
TRIGGER PAGE BREAK	[RW]	3-5
trigonometric functions	[B]	3-12
TRIM\$	[B]	3-14
TYP	[B]	6-45

TYP (with workfiles)[S] 2-10
 typing aids, defining SFKs[B] 1-31

U

UK date entry format[QP] 5-3
 UL (with CURSOR)[B] 7-18
 unconditional branching[B] 4-2
 underlined display fields[B] 7-8
 unit spec[B] B-5
 UNLOCK#[B] 6-52
 unlocking a data base[I] 3-25
 UNPACK USING[I] A-3
 UNTIL[B] 4-26
 UPALL (with CURSOR)[B] 7-21
 UPC#[B] 3-14
 UPDATE (with ASSIGN)[B] 6-27
 UPL (with CURSOR)[B] 7-21
 user area of memory[B] 1-17
 user class numbers[I] 1-9
 user memory configuration[B] C-44
 user-definable functions[B] 3-17
 USRID[B] 3-8
 utilities, BASIC[B] C-1
 utilities, IMAGE[I] 4-1

V

VAL[B] 3-14
 VAL\$[B] 3-14
 variables[B] B-4
 verification, file[B] 6-53
 volume label[B] B-5
 volume labeling (PRINT LABEL)[B] 6-17
 volume spec[B] B-5

W

WAIT[B] 1-29
 WFLN[S] 2-8
 WHILE (with EDITOR)[I] B-16
 WHILE[B] 4-24
 word[O] 61
 WORK utility[S] C-1
 WORKFILE[QO] 13
 workfile (with SORT)[S] 1-3
 WORKFILE IS[S] 2-2
 WRD[B] 6-47
 WRD (with workfiles)[S] 2-10
 WRITE DBPASSWORD[I] 4-32
 write-protecting discs[B] 6-9

-----X-----

XCOPY utility programIII 4-34
XPOSIB1 7-18
Xposition, set with CURSORIB1 7-15
XREF utilityIB1 C-51

-----Y-----

YPOSIB1 7-18
Yposition, set with CURSORIB1 7-15