

Chapter 1: Introduction

Featureset and Environment.....	1
File Access.....	2
Field Definition.....	3
Logic Process.....	4
File Output.....	5
Report Output.....	6
Virtual File Manager.....	7
Debugging Capabilities.....	8

Chapter 2: System Overview

Modes of Operation.....	1
Structure of a Program.....	2
Easytrieve Job Processing Logic.....	3
Syntax Rules.....	5
Listing Commands.....	7

Chapter 3: Basic Programming

FILE Statement.....	1
DEFINE Statement.....	2
Data Type.....	3
JOB Statement.....	4
JOB INPUT Filename.....	5
SORT Procedures.....	6
Adding Logic to the JOB Activity.....	7
Working Storage.....	8
Two Types of Working Storage.....	9
Example: Static versus Work Storage.....	9
LINE Statement.....	10
Program with the Altered LINE Statement.....	11
System Defined Fields.....	12

Chapter 4: Printing Reports

PRINT Statement.....	1
Edit Masks.....	2
Field Headings.....	3
REPORT Statement and Report Definition Statements.....	4
SEQUENCE Statement.....	4
CONTROL Statement.....	5
SUM Statement.....	5
TITLE Statement.....	6
HEADING Statement.....	6
LINE Statement.....	7

Array.....	25
Single Dimension Arrays.....	25
Multiple Dimension Arrays.....	26
Subscripts.....	27
Table.....	28
Example: Table.....	29
Segmented Data.....	30

Chapter 7: Reports

Titles.....	1
LINE Statement and LINE Group.....	2
REPORT Statement.....	3
Spacing Control Parameters.....	3
CONTROL Statement.....	4
TITLE Statement.....	5
Control Field Values in Titles.....	6
LINE Statement.....	7
Testing Aid Parameters.....	9
Format Determination Parameters.....	10
Summary Controls.....	10
DTLCTL - Detail Control.....	11
SUMCTL - Sum Control.....	12
TAG Subparameter.....	13
SUMMARY Reports.....	14
Summary Files.....	15
Multiple Reports to a Single Printer.....	17
Multiple Reports to More than One Printer.....	18
FILE Directing Parameters.....	18
Report Procedures - PROCS.....	19
REPORT-INPUT. PROC.....	20
BEFORE-BREAK. PROC.....	21
AFTER-BREAK. PROC.....	22
BEFORE-LINE. PROC and AFTER-LINE. PROC.....	23
ENDPAGE. PROC.....	24
TERMINATION. PROC.....	25

Chapter 5: Macro, Defines, and Masks

Function and Purpose.....	1
DEFINE Statement.....	2
Field-name.....	3
Start-location.....	3
Field-length.....	4
Data-type.....	4
Heading Parameter.....	5
MASK Parameter.....	6
Edit Masks: Defining.....	6
Masks: Widely Used.....	7
Masking Negative Values.....	7

Chapter 6: Processing and Logic

JOB Statement.....	1
IF Statement.....	2
Arithmetic Operators.....	3
IF/ELSE.....	3
Special IF Statements.....	4
Examples: Special IF.....	4
Combining Conditional Expressions.....	5
STOP Statement.....	6
Calculations.....	7
Precedence and Order of Operation.....	7
ASSIGNMENT Statement.....	8
INTEGER and ROUNDED Options.....	8
MOVE Statement.....	9
MOVE LIKE Statement.....	10
PERFORM Statement.....	11
DO WHILE / END-DO Statements.....	12
GOTO Statement.....	13
STOP Statement.....	14
Example: CASE Statement.....	15
SORT Statement.....	16
SORT Procedures.....	17
BEFORE proc-name.....	17
Example: SORT Procedure.....	18
User Procedures - PROCS: PERFORM Statement.....	19
JOB Statement: START and FINISH Parameters.....	20
START Procedure.....	20
FINISH Procedure.....	20
Table.....	21
Table - Creation.....	22
INSTREAM Table - ENDTABLE.....	22
SEARCH Statement: Accessing Table Files.....	23
Testing for a Match.....	23
Example: External Table.....	24

Chapter 8: Input/Output

Sequential File Processing.....	1
DISPLAY Statement.....	2
DISPLAY Format 1.....	3
DISPLAY Format 2.....	4
GET Statement.....	5
PUT Statement.....	6
Example: Update to Sequential File.....	8
Example: Update with MOVE LIKE.....	9
Example: Load into VSAM File.....	10
POINT Statement.....	11
READ Statement.....	12
WRITE Statement.....	13
Format 1: WRITE Statement.....	13
Format 2: WRITE Statement.....	13
Examples: WRITE Statement.....	14
VSAM File-Status.....	16
KSDS Update.....	16
VSAM AIX.....	17

Chapter 9: File Processing

File Loading.....	1
Synchronized File Processing.....	3
Sample JCL.....	4
Synchronized File Processing Program.....	5
File Presence Condition.....	7
Record Relational Condition.....	8
Compile and Link JCL.....	9
JCL PARM INPUT.....	10