

MISCELLANEOUS QUESTIONS

1. SAS

STATISTICAL ANALYSIS SYSTEM

REPORT GENERATION, MATRIX REPORTING, TESTING
DATA SET IS A COLLECTION OF OBSERVATIONS

INFORMATS:

NUMERIC HEX
INTEGER BINARY
PACKED DECIMAL
ZONED DECIMAL
CHARACTER
DATE/TIME

PROCEDURES:

FREQ/TABLES
MEAN
SORT
SUMMARY

FILES:

SEQUENTIAL
VSAM
PDS

2. BAL

USED WHEN SPEED/CONTROL/MEMORY SPACE/INTERFACING IMPORTANT
RESTRICTED SYNTACTICAL RULES

I/Os MAPSETS MESSAGING TABLES

DS VARIABLE DEFINE VARIABLE
DC CONSTANT DEFINE CONSTANT

CSECT CONTROL SECTION
DSECT DUMMY SECTION

REGISTERS ACCUMULATORS OR TEMPORARY STORAGE AREAS
ONE FULLWORD IN LENGTH
16

I/O:

OPEN (INFILE,INPUT,OUTFILE,OUTPUT)
GET INFILE,RECORD
PUT OUTFILE,OUTAREA
EOF CLOSE(INFILE,,OUTFILE)

RECORDS:

DCB DATA CONTROL BLOCK
DDNAME DATA DEFINITION NAME
MACRF MACRO FORM
EODAD END OF DATA ADDRESS

LOGIC:

MVC MOVE CHARACTER
B BRANCH
BH BRANCH HIGH OP1 > OP2
BL/BE/BNE/BNH/BNL
BALR BRANCH AND LINK REGISTER
ST STORE
LA LOAD ADDRESS
MVI MOVE IMMEDIATE
CLC COMPARE LOGICAL INSTRUCTION

PACK	PACK
AP	ADD PACKED
UNPK	UNPACK
MVZ	MOVE ZONE
ZAP	ZERO AND ADD PACKED
MP	MULTIPLY PACKED

MACROS:

CLOSE/GET/PUT/START/END/EOJ

CONSTANTS:

C	CHARACTER OR ZONED DECIMAL
X	HEXIDECIMAL
B	BINARY
P	PACKED DECIMAL
F	FIXED POINT FULLWORD
H	FIXED POINT HALFWORD
D	FIXED POINT DOUBLEWORD

3. HOGAN

UMBRELLA

FINANCIAL SUB SYSTEM

CIS	CUSTOMER INFORMATION SYSTEM
CAMS	CONSUMER AND MERCHANT SYSTEM
OCS	ONLINE COLLECTION SYSEM

UMB

PEM	PROCESSING ENVIRONMENT MANAGER APPLICATION PROGRAMS DATA GROUPS
PCD	PROCESS CONTROL DATA
CDMF	COMMON DATA MANAGEMENT FACILITY
PD	PROCESS DICTIONARY ACTIVITIES DG DB TXN ACT PGM MAP FMT SQL

SYSTEMS

FPS	FUNCTION PROCESSING SYSTEM
CCP	CONDITION CODE PROCESSING
SPS	SCHEDULED PROCESSING SYSTEM IMPLOSION EXPLOSION DETAIL HEADER BREAK
DTS	DATE SYSTEM
DPS	DOCUMENT PRINTING SYSTEM

UTCB	USER TRANSACTION CONTROL BLOCK/ INTERFACE APP PROG AND PEM
CTF	CONVERSATION TERMINAL FILE
DBWA	DATABASE WORK AREA

DATA DIVISION

WORKING STORAGE SECTION
PCD/CCP/CDMF ACTIONS/RESULTS
LINKAGE SECTION
TCB

DATA GROUPS
 PROCEDURE DIVISION
 USING TCB ...
 HOUSEKEEPING
 MAINLINE
 ERROR PROCESSING

4. **RPG LIKE MARK IV**

REPORT PROGRAM GENERATOR/GENERALLY PRESENTS RATHER THAN
 CALCULATES DATA

5. **ENDEVOR**

PROVIDES CONTROLLED STAGING AND MIGRATION OF SYSTEM MODULES

INVENTORY MANAGEMENT

SINGLE SOFTWARE CATALOG CATEGORIZING EACH
 MEMBER BASED UPON EXECUTABLE CREATED FROM IT

SOURCE MANAGEMENT

IN BASE AND DELTA FORMAT ALLOWING HISTORICAL VIEWING

OUTPUT MANAGEMENT

PROCESSOR IS CREATED TO PRODUCE ANY EXECUTABLE FORM OF
 THE ELEMENT

CONFIGURATION MANAGEMENT

MAINTAINS FOOTPRINTS IN EXECUTABLE LIBRARIES
 COMPONENT LIST/COPYBOOKS AND SUBROUTINES

SECURITY MANAGEMENT

UPDATES CANNOT OCCUR OUTSIDE OF ENDEAVOR

MMING FACILITY) EDIT COMMANDS

INSERT/DELETE/DUPLICATE/REARRANGE/LOCATE

MEMBER SELECTION MENU/PF KEYS

SDSF SYSTEM DISPLAY AND SEARCH FACILITY

COMMUNICATE AND CONTROL OPERATIONS ON MVS/JES2 SYSTEM

6. **PANVALET (COMPUTER ASSOCIATES) LIKE ENDEVOR**

PROGRAM MANAGEMENT AND SECURITY SYSTEM TO SUPPORT
 THE CENTRAL STORAGE, RETRIEVAL, MAINTENANCE, AND
 CONTROL OF SOURCE AND OBJECT PROGRAMS, JCL, AND
 DATA FILES

BROWSE/EDIT

CHANGE CONTROL/SECURITY

PAN#1 COMMANDS

INCLUDE

ADD

COPY

UPDATE

PANSCAN

7. XPEDITOR DEBUGGING HOGAN/DB2/ IMS USING BREAKPOINTS

INTERPRETATIVE SYSTEM DEBUGGING CAPABILITIES

TSO/CICS

USE CONDITIONAL TESTING AND BREAKPOINTS

PROBLEM SOLVING DESCARTES

1. NEVER ACCEPT ANYTHING FOR TRUE THAT YOU DON'T CLEARLY KNOW AS SUCH
2. DIVIDE EACH DIFFICULT INTO AS MANY PARTS AS POSSIBLE
3. ASCEND FROM THE SIMPLEST TO THE MOST COMPLEX
4. MAKE ALL ENUMERATIONS COMPLETE AND REVIEWS GENERAL

ALSO:

1. ANALOGIZE AND SYSTEMIZE
2. USE THE AVAILABLE KNOWLEDGE AND TOOL SETS

CONDITION CODES

21/22	RECORD
41/42	TRANSMIT
8X	UNDEFINED FILE
8091	OPERATION EXCEPTION
8094	PROTECTION EXCEPTION
8096	SPECIFICATION EXCEPTION
8097	DATA EXCEPTION

SYSTEM ABENDS

S322	TIME OUT
S806	MODULE NOT FOUND
S213	OPER ERROR
SOC1	OPERATION EXCEPTION
SOC4	PROTECTION EXCEPTION
SOC7	DATA EXCEPTION
SB37	SPACE

CICS ABENDS

ABM0	MAP NOT LOCATED
AE	NO HANDLE CONDITIONS AEIA-AEY3

DB2 ERRORS

+100	ROW NOT FOUND
-818	PRECOMPILER TIMESTAMP DIFFERENT FROM BIND TIMESTAMP

MVS/QUICK REF
IBM/BOOKMANAGER

8. ABEND-AID/DEBUGGING

CAUSES/LOCATION OF ABEND/ABENDING PGM/LIST DATA AREAS/
PREVIOUS AND CURRENT RECORDS

FOR NON ABEND-AID TO FIND THE INSTRUCTION THAT ABEND PGM:

SUBTRACT EPA (ENTRY POINT ADDRESS) FROM PSW (PROGRAM STATUS WORD). LOCATE SOURCE STATEMENT USING LINKAGE EDITOR AND TRANSLATOR MAPS (DMPA/PMAP). THE PREVIOUS INSTRUCTION FROM DISPLACEMENT ADDRESS IS THE ONE THAT ABENDED.

001	I/O	
B37	SPACE	
806	PGM NOT FOUND	
322	CPU TIME OUT	
222	OPERATOR CANCE;	
OC7	DATA EXCEPTION	NON-NUMERIC
OC4	PROTECTION EXCEPTION	INVALID SUBSCRIPT
OC1	OPERATION EXCEPTION	ACCESS UNOPENED FILE

NOT CATLG 2 FILE CREATED BUT NOT CATELOGED