REVATURE – 18-09-2023 COHORT

L1-ASSIGNMENT – **JCL-VSAM.**

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AGENT – 2A

Naming Convention:

PDS name: **HLQ.SHARE.PDS**

HLQ → Mainframe Userid.(OZAGS1)

Member names:

PROCEDURE: PAXXYYZZ

JCL : JAXXYYZZ

CONTROL CARD: CAXXYYZZ

XX→ SEQUENCE NUMBER eg: 01,02,etc

YY→ QUESTION NUMBER . 1A as mentioned in line 4.

ZZ → The last 2 chars of your userid. Eg:"S1" if user id is OZAGS1.

STEP1:ISPF

- Allocate a PS dataset with record length 80 with naming convention as below.

PS1 - <USERID>.SHARE.PS1

- Using the details from below file layout, enter records into the PS1 file as per the instructions given,
  - **Enter 1st row** in PS file. 1st row contains header details for reference.
  - **Do not enter 2nd row** in PS file. 2nd row contains layout details for reference.
  - One space filler had to be inserted between each field in the PS file.
  - All alphanumeric data to be entered in **CAPITAL** letters.

SHARE_NO	PER_HELD	NO_OF_SHARES	CORP_NAME	CURR_PRICE
X(05)	9(02)	9(03)	X(05)	9(03).9(02)
SN540	10	100	TCS	100.20
SN547	11	200	ACC	120.00
SN543	18	150	INFY	130.00
	50	225	ACC	145.00
SN546	14	213	INFY	110.80
SN543	15	160	WIPRO	135.40
SN541	16	190	ACC	125.40
	11	230	TCS	119.40
SN544	10	245	TCS	120.20
SN545	12	198	WIPRO	128.20
SN546	14	219	WIPRO	130.20
SN542	21	210	TEC	155.50
SN548	12	220	TCS	132.20
SN549	11	210	INFY	157.50

STEP2: PROC- PA012A<ZZ>

Write a PROCEDURE with the below steps.

Step005.

Define a KSDS cluster with first 5 chars as the key and with fixed record length of 80.

HLQ.SHARE.KSDS.

(PREDELETION STATEMENT NEEDED)

Step010.

Define a ESDS cluster with fixed record length of 80. HLQ.SHARE.ESDS.

(PREDELETION STATEMENT NEEDED)

Step020.

Input: PS1

Output:PS1

- Eliminate the duplicate records and records with invalid Share number.
- Use control cards naming standards.

Step030.

Infile: PS1

Outfile: KSDS cluster

- Leaving out the Header line, populate KSDS with records from PS1.

Step030.

Dataset: KSDS.

Check if the KSDS is empty or not.

If empty perform Step040.

If not empty perform Step050.

Step040.

Print " the ksds cluster is empty" in the spool.

Step050.

Repro records from KSDS into ESDS.

Step060.

If repro is successful,

Step070. Define AIX for the ESDS on CORP_NAME field.

Step080. Build the index for AIX.

Step090. Define path.

Write a Job to define a gdg base with name as

HLQ.SHARE.BACKUP.

Write another job with 2 steps .

Step01

Export the ksds temporarily into HLQ.SHARE.BACKUP.G0001V00

Step02

Export the Esds temporarily into HLQ.SHARE.BACKUP.G0002V00