REVATURE – 18-09-2023 COHORT

L0-ASSIGNMENT - **JCL-GDG**

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AGENT – 1A

Naming Convention:

PDS name: **HLQ.L0.AGENT.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

ALL the JOB deliverables should be stored in HLQ.L0.AGENT.PDS

- Allocate the PDS using TSO/ISPF.
- Allocate a PS dataset with record length 80 with naming convention as below.
  PS1 - <HLQ>.L1G.AGTCMN.PS1
- Using the details from below file layout, enter records into the PS1 file as per the instructions given,
  - **Do not 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.

AGENT_CODE	POLICY_COUNT	AGENT_STATUS	POLICY_TYPE	COMMISION
X(05)	9(03)	X(08)	X(09)	9(03).9(02)
AG880	200	INACTIVE	LIFE	100.40
AG881	300	ACTIVE	ANNUITY	500.60
AG882	400	INACTIVE	TERM	280.30
AG883	080	ACTIVE	CASUALITY	900.70
AG884	250	ACTIVE	MEDICAL	600.25
AG885	150	ACTIVE	ANNUITY	442.25
AG882	080	INACTIVE	TERM	280.30
	100	ACTIVE	LIFE	100.00
AG884	150	ACTIVE	MEDICAL	600.25
AG883	230	ACTIVE	CASUALITY	900.70
AG885	150	ACTIVE	ANNUITY	442.25
AG886	250	INACTIVE	LIFE	250.00
	900	INACTIVE	TERM	890.00
AG887	100	ACTIVE	CASUALITY	745.45
AG888	340	INACTIVE	MEDICAL	220.25
AG887	100	ACTIVE	CASUALITY	745.45

STEP2: JCL

1. In the PDS, write a procedure (Member name must be as per naming convention) to do the following steps.

Step005.

- First step in this job should be the PRE-DELETE step for the listed datasets.

PS2 -- <HLQ>.AGTCMN.PS2

PS3-- <HLQ>.AGTCMN.ACTIVE. PS3

PS4-- <HLQ>.AGTCMN. INACTIVE.PS4

PS5-- <HLQ>.AGTCMN.PS5

PS6-- <HLQ>.AGTCMN.PS6

PS7-- <HLQ>.AGTCMN.PS7

Step010.

Infile: PS1

Outfile: PS2

- Using Sort utility perform the below operations on PS1 and store the output in PS2 file.

<HLQ>.L1G.AGTCMN.PS2.

- Sort records in ascending order based on Agent_code.
- Eliminate records which does not have AGENT_CODE Control card: mem name as per standards.

Step020.

Infile = PS2

Outfile=PS2

- Eliminate the duplicate records by adding the Policy count field.
- The key to eliminate duplicate records will be Agent_Code. Control card: mem name as per standards.
  EX : If AG885 contains 2 records with value 150 in policy count field in each record, then the output file should contain single AG885 record with policy count value 300.

Step030.

Infile = PS2

Outfile=PS3,PS4(Allocated in the Step)

- Split the records based on policy-status.
- All "ACTIVE" records are stored in PS3 and "INACTIVE" records are stored in PS4. Control card: Mem name as per standards.
- Store the records in both the file by generating 2 DIGIT sequence no as the first column followed by the other fields from the input dataset.

  OUTPUT DATASETS: <**HLQ>.AGTCMN.ACTIVE. PS3**

  <HLQ>.AGTCMN. INACTIVE.PS4

Step040.

Input: PS3,PS4.

Output: PS5

Merge the PS3 & PS4 to PS5. In ascending sequence.

- Control card: CA51G<yyy>
- IEBGENER

2. Write a Job (mem name as per naming standards) to invoke this procedure.