MOCK-1

STEP1: ISPF

- Allocate a PS dataset with record length 80 with naming convention as below.
  PS1 - <TLABID>.L1F.TRAIN.PS1
- Using the details from below file layout, enter records into the PS1 file as per the instructions given,
  - 1st row is **header** which **has to be entered** into PS1 file.
  - **Do not enter 2nd row**. 2nd row contains layout details for reference.
  - **One space** filler had to be inserted between each field.
  - All alphanumeric data to be entered in **CAPITAL** letters.

TRAIN_NO	DEPARTURE	ARRIVAL	FARE	COACH	SEATS_AVAILABLE
9(05)	**X(11)**	**X(11)**	**9(03).9(02)**	**X(3)**	**9(2)**
16001	CHN-CENTRAL	PALANI	400.00	AC	02
16005	THANJAVUR	CHN-EGMORE	395.00	ORD	60
16004	NAGARKOIL	CHN-CENTRAL	439.00	SLP	37
16002	PALANI	CHN-CENTRAL	410.00	ORD	76
16003	CHN-CENTRAL	NAGARKOIL	425.00	AC	05
16006	CHN-EGMORE	THANJAVUR	375.00	SLP	10
16002	PALANI	CHN-CENTRAL	410.00	ORD	76
16004	NAGARKOIL	CHN-CENTRAL	439.00	SLP	37
16003	CHN-CENTRAL	NAGARKOIL	425.00	AC	30
16005	THANJAVUR	CHN-EGMORE	395.00	ORD	60
16004	NAGARKOIL	CHN-CENTRAL	439.00	SLP	37

STEP2: JCL

- Write a proc. to do the following steps.
- member naming convension P**A11F<yyy>,** where <yyy> denotes last 3 digits of your TLAB user ID.

Step005.

First step should be the delete step for the datasets

.

PS2 - <TLABID>. L1F.TRAIN.PS2

PS3 - <TLABID>. L1F.TRAIN.PS3,PS4,PS5,PS6,PS7,PS8,PS9,PS10

-

Step010.

- Using Sort utility perform the below operations on PS1 (< TLABID>.L1F.TRAIN.PS1) and store the output in PS2 (<TLABID>.L1F.TRAIN.PS2)

  i. Remove the header record
  ii. Sort records in ascending order based on Train_No

- Use control card CA11F<yyy>

Step020.

Input: PS2

Output: PS3

Remove duplicates for each Train_No.

[Ex : If Train_No 17001 contains 3 records after sorting, write the first record alone into PS3 file]

- Control card should be CA21F<yyy>.

Step030.

- Using Sort utility perform the below operations on PS3 (< TLABID>.L1F.TRAIN.PS3) and store the output in PS4 (<TLABID>.L1F.TRAIN.PS4)

  I. Add a new column Serial No starting with 0001 and increment by 1 for every row

  ii. Add 1 to the existing Train no and store it in PS4 as given below

  SNO TRAIN_NO ARRIVAL DEPARTURE FARE COACH SEATS_AVAILBAL

- Control card should be CA31F<yyy>.

Step040.

- Using Sort utility perform the below operations on PS4 (< TLABID>.L1F.TRAIN.PS4) and store the output in PS5 (<TLABID>.L1F.TRAIN.PS5, PS6 (<TLABID>.L1F.TRAIN.PS6 & PS7 (<TLABID>.L1F.TRAIN.PS7

  i. Split and store 3 records in each file

- Control card should be CA41F<yyy>.

Step050.

Check PS7 (<TLABID>.L1F.TRAIN.PS7) for empty file handling.

- Control card should be CA51F<yyy>.

If records are in PS7, execute step060 else step070

Step060.

Using Sort utility perform the below operations on PS5 (< TLABID>.L1F.TRAIN.PS5) , PS6 (<TLABID> .L1F.TRAIN.PS6) & PS7(<TLABID>.L1F.TRAIN.PS7) and store the output in PS8 (<TLABID>.L1F.TRAIN.PS8

i. Merge all the records and store the output in descending order based on Train_No

- Control card should be CA61F<yyy>.

Step070.

- Using Sort utility perform the below operations on PS2 (< TLABID>.L1F.TRAIN.PS1) and store the output in PS9 (<TLABID>.L1F.TRAIN.PS9) & PS10 (<TLABID>.L1F.TRAIN.PS10)

  i. Store all the train details whose ARRIVAL OR DEPARATURE is CHN-CENTRAL

  ii. Store all the train details whose ARRIVAL OR DEPARATURE is CHN-EGMORE

  - Control card should be CA71F<yyy>.

MOCK-2

L0A

Store all the JCL in the PDS <user.id>.L0.POLICY.PDS

JCL should be stored with naming convention JA11A<xxx>

Where xxx is the last 3 digits of you TLAB ID

STEP 1 ISPF

Create a PS File with the name <user.id>.L0.POLICY.PS1

Load the following data into the file

The first record is header which need not entered

The second record is the file layout which need not be entered

(SAMPLE DATA)

POLICY_NUMBER	POLICY_TYPE	POLICY_NAME	POLICY_DATE
9(4)	**9(1)**	**A(10)**	**X(10)**
1006	1	ABC POLICY	03-10-2013
1001	3	XYZ POLICY	05-12-2013
1005	1	QWE POLICY	15-01-2013
2010	3	TYU POLICY	03-02-2013
1003	2	POY POLICY	25-12-2013
2005	1	GHJ POLICY	08-11-2013
1002	2	ASD POLICY	14-08-2013
1000	1	QWE POLICY	23-12-2013

STEP 2 JCL

STEP005:

DELETE <user.id>.L0.POLICY.PS2, <user.id>.L0.POLICY.PS3, <user.id>.L0.POLICY.PS4, <user.id>.L0.POLICY.PS5, <user.id>.L0.POLICY.PS6, <user.id>.L0.POLICY.PS7, <user.id>.L0.POLICY.PS8

STEP010: PERFORM the following on PS1.

- Sort in ascending order based on POLICY_NUMBER
- Delete the records that have policy number greater than 2000.

Store the result in PS2.

Use control card CA11A<xxx>

STEP020: Split PS2 into 3 file based on policy type and store in PS3,PS4 and PS5

- Policy type =1 store in PS3
- Policy Type =2 store in PS4
- Policy Type =3 store in PS5

Use control card CA21A<xxx>

STEP030: Merge PS3 and PS4. Store in PS6.

Use control card CA31A<xxx>

STEP040: Check PS3 for empty file handling.

If non empty perform step5 else perform step6.

Use control card CA41A<xxx>

STEP050: Perform the following on PS3 and store the result in PS7

- Change the year to 2014 and month to 07 in the date field

Use control card CA51A<xxx>

STEP060: Copy the contents of PS2 to PS8

Use control card CA61A<xxx>

STEP 3 JCL

STEP010: Create KSDS VSAM <user.id>.POLICY.KSDS with policy number as key

Record Size (80 80)

STEP020: Create Alternate index with policy type as key

STEP030: Build the alternate index

MOCK-3

STEP1: ISP

ALL the deliverables should be stored in USERID.L0MT.AGENT.PDS

- Allocate a PS dataset with record length 80 with naming convention as below.
  PS1 - <TLABID>.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. Write a procedure PA11G<yyy> to do the following steps.

Step050.

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

PS2 -- <TLABID>.AGTCMN.PS2

PS3-- <TLABID>.AGTCMN.ACTIVE. PS3

PS4--- <TLABID>.AGTCMN. INACTIVE.PS4

PS5--- <TLABID>.AGTCMN.PS5

PS6-- <TLABID>.AGTCMN.PS6

PS7-- <TLABID>.AGTCMN.PS7

Step010.

INFILE: PS1

Outfile: PS2

- Using Sort utility perform the below operations on PS1 and store the output in PS2 file. PS2 -> <TLABID>.L1G.AGTCMN.PS2.

- Sort records in ascending order based on Agent_code.
- Eliminate records which have with AGENT_CODE as blanks.

- Control card: CA11G<yyy>

Step020.

Infile : PS2

Outfile:; PS2

Extract 12 records from 2nd record into output.

If file contains 18 records after sorting and eliminating blank AGENT_CODE, this step should extract 2nd to 13th records.

- Control card: CA21G<yyy>

Step030.

INFILE,OUTFILE=PS2

Eliminate the duplicate records by adding the Policy count field.

The key to eliminate duplicate records will be Agent_Code.

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.

- Control card: CA31G<yyy>

Step040.

Write a JCL to sort the records form PS2 and split the records based on policy-status.

All “ACTIVE” records are stored in PS3 and “INACTIVE” records are stored in PS4.

DATASETS-- <**TLABID>.L1G.AGTCMN.ACTIVE. PS3**

<TLABID>.L1G.AGTCMN. INACTIVE.PS4

Store the records in both the file by generating sequence no as the first column.

- Control card: CA41G<yyy>

Step050.

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

- Control card: CA51G<yyy>

Step060.

Check PS5 for empty file handling.

- Control card: CA61G<yyy>

If records are present in PS5 do step070 else step080.

Step070.

Input: PS2

Output: PS6

Check the policy-type .If policy-type is Life ,change the Agent code LP-agentcode.

Eg: LP-AG880

If policy type is Medical change it to MP-agent code,(MP-AG880)

If Policy Type is TERM change it to TP-agentcode(TP-AG880)

And for other type change it to XX-agentcode.(XX-AG880)

- Control card: CA71G<yyy>

Step080.

Add 50 to Policy count from PS2 and store the output in ps7

- Control card: CA81G<yyy>

MOCK-4

STEP1: ISPF

- Allocate a PS dataset with record length 80 with naming convention as below.
  PS1 - <TLABID>.L1B.MEDICINE.PS1
- Using the details from below file layout, enter records into the PS1 file as per the instructions given,
  - 1st row contains the header details, which has to be entered in PS1 file.
  - Do not enter the 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.
  - Alphanumeric data to be entered in **CAPITAL** letters.

Medicine_Code	Quantity	Expiry_Status	Dosage	Rate_per_no
X(03)	9(03)	X(07)	X(01)	9(02).9(02)
P01	080	NOT-EXP	H	10.15
P03	040	NOT-EXP	H	05.50
P02	030	NOT-EXP	L	28.36
P04	080	EXP	L	09.52
P06	150	EXP	L	06.25
P03	040	NOT-EXP	H	05.50
P02	035	NOT-EXP	L	28.36
P05	260	NOT-EXP	H	13.84

STEP2: Proc

Step005.

- First step should be the Delete step for PS2,
- - <TLABID>.L1B.MEDICINE.PS2.
- <TLABID>.L1B.MEDICINE.PS3
- <TLABID>.L1B.MEDICINE.PS4
- <TLABID>.L1B.MEDICINE.PS5
- <TLABID>.L1B.MEDICINE.PS6
- <TLABID>.L1B.MEDICINE.PS7
-
  - <TLABID>.L1B.MEDICINE.LOWDOS
    <TLABID>.L1B.MEDICINE.HIGHDOS files.
-

Step010.

Input : PS1

Output : PS2

i. Remove the header record and rearrange the positions of fields as below.

Filler Details: - One space between each field.

Medicine_Code	Dosage	Quantity	Expiry_Status	Rate_per_no
X(03)	X(01)	9(03)	X(07)	9(02).9(02)

Control card-CC11B<yyy>

Step020.

- Using Sort utility perform the below operations on PS2 and store the output in file PS2. PS2 - <TLABID>.L1B.MEDICINE.PS2.

i. Sort the records in ascending order based on Medicine_code.

ii. Eliminate the duplicate records by adding the Quantity field. The key to eliminate duplicate records will be Medicine_Code.

EX : If P03 contains 2 records with value 300 in Quantity field in each record, then the output file should contain single P03 record with Quantity value 600.

Control card-CC21B<yyy>

Step030.

- Split the PS2 file into two new files using Sort utility based on dosage. The layout for the two new files will be the same as the PS2 file layout.

i. Write the records with Dosage = 'L' into <TLABID>.L1B.MEDICINE.LOWDOS

ii. Write the records with Dosage = 'H' into <TLABID>.L1B.MEDICINE.HIGHDOS.

Control card- CC31B<yyy>

Step040.

Merge High –Dos and Low-Dos dataset records into new PS3.

Arrage the the records in ascending order based on Medicine code.

Control card- CC41B<yyy>

Step050.

Input file is PS3.

Output :PS4.

All the medicine code should be changed as M-01,M-02 etc.

Control card- CC51B<yyy>

Step060.

_Input file is PS4.

Check PS4 for empty file handling.

If records present do step070 else Step080.

Control card- CC61B<yyy>.

Step070.

Check the quantity in PS4.If the Quantity is less than 100 add 50 to the quantity and store the records in pS5.

Control card- CC71B<yyy>.

Step080.

Select only the records whose expiry status is NOT-EXP.

Remove '-' in NOT-EXP and store the records in PS6.

Control card- CC81B<yyy>

STEP2: JCL

Write a jcl to invoke the PROC.

JCL-Member JA11B<yyy>

MOCK-5

STEP1: ISPF

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

PS1 - <TLABID>.L1J.SHARE.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.

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- PA11J<yyy>

Step001.

Delete step for datasets

<TLABID>.L1J.SHARE.PS2

<TLABID>.L1J.SHARE.PS3

<TLABID>.L1J.SHARE.PS4

<TLABID>.L1J.SHARE.PS5

<TLABID>.L1J.SHARE.PS6

<TLABID>.L1J.SHARE.ACC

<TLABID>.L1J.SHARE.INFY

Step002.

- Using Sort utility perform the below operations on PS1 and store the output in PS2 file.
- Sort records in ascending order based on SHARE_NO and NO_OF_SHARES.
- Eliminate records which have with SHARE_NO as blanks.
- Remove duplicates for each SHARE_NO.
  Ex: If Share No SN541 contains 3 records after sorting, write the first record alone.
- Extract 8 records from 2nd record into output.
- Ex: If file contains 15 records after sorting and eliminating blank SHARE_NO, this step should extract 2nd to 9th records.
- Use control card CC11J<yyy>

Step003.

- Using Sort utility perform the below operations on PS2 file.
- . Split the PS2 file into two new files using Sort utility based on CORP_NAME.The layout for the two new files will be the same as the PS2 file layout.
  - Write the records with CORP_NAME= 'ACC' into <TLABID>.L1J.SHARE.ACC
  - Write the records with CORP_NAME= 'INFY' into <TLABID>.L1J.SHARE.INFY
  - Use control card CC21J<yyy>

Step004.

- Combine the data of both the above records and store the output in PS3 file. PS3 -> <TLABID>.L1J.SHARE.PS3..

Note : The merged output records should be in ascending order based on SHARE_NO.

Use Control card CC31J<yyy>

Step005.

Perform the below operations on PS2.

Do the following and store the records in PS4 with the given layout.

. <u>CLASS and RANGE Calculation</u>

- For shares with CORP_NAME as INFY and PER_HELD >15

        - Write CLASS field of corresponding record as ‘C1’ and RANGE as’ H
    - For shares with CORP_NAME as ACC and PER_HELD >15
        - Write CLASS field of corresponding record as ‘C2’ and RANGE as’ H
    - For shares with CORP_NAME as TCS and PER_HELD >10
        - Write CLASS field of corresponding record as ‘C3’ and RANGE as’ M
- Use Control card CC41J<yyy>
    -

SHR_NO	PER_HELD	NO_OF_SHARES	CORP_NAME	CURR_PRICE	CLASS	RANGE
X(05)	9(02)	9(03)	X(05)	9(03).9(02)	X(02)	X(01)

STEP3: JCl- JA11J<yyy>

Invoke the Procedure.

STEP4: JCl- JA21J<yyy>

Step001.
Allocate a VSAM ESDS dataset with the following specifications,
RECORDSIZE (80, 80)
Name: <TLABID>.L1J.SHARE.ESDS

Step002.

Inpt file is PS2.

Outfile is PS5.

Change the SHR-NO .Put – in the 3rd column. For eg.SN-123

Step003.

Input file is PS5.

Check the file PS5 for empty records.

If records are found ,load the records into ESDS.

If no records found, print “ no records “ in PS6.

Store the JCL and Procedure in Userid.L0.Prod.Pds

MOCK-6

STEP1: ISPF

- Allocate a PS dataset with a record length of 80 and with the below naming convention,

<USERID>.L1E.PROD.PS1

Enter the below given records into the PS dataset

Note: 1st row contains the header details, which need not be entered in the PS file

Filler Details: - One space filler to be inserted between each field in the PS file.

Prod_Id X(5)	Prod_Name X(20)	Prod_Code X(7)	Prod_Price 9(05)V9(3)
XA200	TV-LCD Monitor	ASX-100	25000.567
KK250	Laptop	ASV-450	60000.123
BG150	Fridge	KAL-660	20000.123
FC100	Microwave Oven	KDW-300	30000.456
AC350	AC	XAS-560	25000.367
KK260	Laptop	ASV-450	40000.345
KK160	Washing Machine	ASV-100	18000.356
DS700	Heater	ASV-400	05000.234
MH260	Fan	DAX-900	04000.235

Write a procedure PA11E<yyy> with the following steps.

STEP001:

Delete PS2 , PS3, PS4,PS5,ps6

USERID>.L1E.PROD.PS2

USERID>.L1E.PROD.PS3

USERID>.L1E.PROD.PS4

USERID>.L1E.PROD.PS5

USERID>.L1E.PROD.PS6

STEP002:

- Sort the records in the above PS1 dataset (<USERID>.L1E.PROD.PS1) based on Prod_Id.
- Eliminate the records, whose Prod_code contains ‘ASV’.

- Copy the sorted records into a PS2 file with a record length of 80 using the naming convention <USERID>.L1E.PROD.PS2 (allocate it in the sort step in JCL).
- Use control card CA11E<yyy>

STEP003:

- Sort the records in the above PS1 dataset (<USERID>.L1E.PROD.PS1) based on Prod_Name
- All the PROD-ID should start with P.EG. XA200 –Should be PXA200.
- Copy the sorted records into PS3.(allocate in sort step)
- Use control card CA21E<yyy>

STEP004:

- Check PS3 for empty file handling. If non empty perform step005 else perform step006.
- Use control card CA31E<yyy>

STEP005:

- Copy the records from PS3 into PS4(allocate in sort step) by changing the column postion,
  - USERID>.L1E.PROD.PS4

PROD-CODE PROD-ID PROD-NAME PROD-PRICE

Use control card CA41E<yyy>

STEP006:

- Copy the records from PS2 into PS5.

USERID>.L1E.PROD.PS5

Use control card CA51E<yyy>

STEP007:

- Use PS4 as the input file.
- Add 1000 to pro-price and store in the next column
- In the PROD-CODE '-' should be replaces by '#'

PROD-CODE PROD-ID PROD-NAME PROD-PRICE NEW-PROD-PRICE

Use control card CA61E<yyy>

Write JCL to invoke the proc. JCL Member naming convention (JA11E<yyy>)

STEP2: JCL(JA21E<yyy>)

1.SORT the PS1 based on prod-id and eliminate the duplicates.Store in PS6.

2.Alocate a KSDS named as USEDID.PROD,KSDS.using PROD_ID as KEY.

3.LOAD the records from PS6 to KSDS.

4.Alocate AIX USERID.PROD.KSDS.AIX using PROD-NAME as the key.

5.Build the INDEX.

MOCK-7

STEP1: ISPF Options

- Allocate a PS datasets with the record length of 80 with the below naming convention <USERID>.L2C.CRSE.DT1.
  Enter the below given records (from 2nd row) into the PS File (<USERID>.L2C.CRSE.DT1).

Note: 1st row contains the header details, which need not be entered in the PS file.
Filler Details: - One space filler to be inserted between each field in the PS file.

STUDENT ID X(5)	STUDENT NAME X(20)	Exam Type X(7)	MCQ Mark 9(3)	LAB Mark 9(3)
10005	Thomas	Online	75	150
10003	Jennifer	Offline	150	200
10001	Mary	Online	80	120
10002	David	Offline	130	130
10002	David	Offline	130	130
10004	Sunita	Online	70	150

Filler Details: - One space between each field.

Create a partition dataset with naming convention

<userid>.LAB.FINAL using TSO with all the required parameters.

STEP1: PROC.

Write a procedure for the following steps in member PA12C<yyy>.

Step001.

Delete the datasets PS2, PS3, PS4, PS5, PS6 with the naming convention given below.

USERID>.L2C.CRSE.DT2

USERID>.L2C.CRSE.DT3

USERID>.L2C.CRSE.DT4

USERID>.L2C.CRSE.DT5

USERID>.L2C.CRSE.DT6

USERID>.CLIENT.SRTOP

Step002.

- Sort the details in the PS file (PS1 - <USERID>.L2C.CRSE.DT1) based on Student ID in ascending order.
- Remove the Duplicate records and take the first occurrence record.
- Copy the sorted records to an output file PS2 with a record length of 80 with the below naming convention <USERID>.L2C.CRSE.DT2.
- Use control card CA12C<yyy>

Step003.

Check PS2 for empty file handling.

If records are available do step004 else do step005.

Step004.

- Copy only the last 4 rows from the PS2 to sorted output file '<USERID>.CLIENT.SRTOP'
- Use control card CA22C<yyy>

Step005.

Copy the contents from PS2 to PS3.

- Use control card CA32C<yyy>

Step006.

Split the records from PS2 based on exam-type into PS4 & PS5.

PS4- should have records with online

PS5- should have records with offline

- Use control card CA42C<yyy>

Step007.

Input File is PS2 ,Output is PS6

If the Exam Type is "Online" then double the MCQ Mark (MCQ Mark = 2 * MCQ Mark) for that record.

- Total Marks = MCQ Marks + LAB Marks

STUDENT ID X(5)	STUDENT NAME X(20)	MCQ Mark (Out of 200) 9(3)	LAB Mark (Out of 200) 9(3)	Total Marks 9(3)

- Use control card CA52C<yyy>

STEP2: JCL

Write a JCl to invoke the procedure. JCL naming convention—JA12C<yyy>

STEP3: JCL

Step001.

- Create a VSAM KSDS file with RECORDSIZE (80, 80), in the below naming convention <USERID>.L2C.CRSE.KSDS.

Step002

- Copy the contents from USERID>.CLIENT.SRTOP'

  into a KSDS file <USERID>.L2C.CRSE.KSDS.

Step003.

- Create a VSAM KSDS AIX file with RECORDSIZE (80, 80), as student-name as AIX KEY in the below naming convention <USERID>.L2C.CRSE.KSDS. AIX

Step004.

Define Bld index for the AIX allocated..

USERID> referred is the Mainframe TLAB ID provided to you.

MOCK-8

STEP1: ISPF

- Allocate a PS dataset with a record length of 80 and with the below naming convention,

<USERID>.L1E.EMP.PS1

Enter the below given records into the PS dataset

Note: 1st row contains the header details, which need not be entered in the PS file

Filler Details: - One space filler to be inserted between each field in the PS file.

ENO X(5)	**ENAME X(10)**	**DOJ(9(4)**	**CUY9(4)**	**SALARY9(6)**
10002	Thomas	2005	2016	50000
10005	Fredrick	2010	2016	30000
10003	James	2007	2016	45000
	Prabu	2008	2016	2000
10003	James	2007	2016	5000
10006	Bala	2005	2016	40000
	Srija	2008	2016	40000

10001	Meera	2010	2016	30000
10004	Sridhar	2012	2016	2000
10006	Bala	2005	2016	4000

Write JCL to invoke the following PROC PA11E<yyy>

JCL Member naming convention (JA11E<yyy>)

PROC: PA11E<yyy>

Proc steps:

STEP005:

Delete PS2 & PS3,PS4

USERID>.L1E.EMP.PS2

USERID>.L1E.EMP.PS3

USERID>.L1E.EMP.PS4

USERID>.L1E.EMP.PS5

USERID>.L1E.EMP.MEXP

USERID>.L1E.EMP.LEXP

USERID>.L1E.EMP.FINAL

STEP010:

- Sort the records in the above PS1 dataset (<USERID>.L1E.EMP.PS1) based on ENO
- Eliminate the records, whose ENO contains blank
- Copy the sorted records into a PS2 file with a record length of 80 using the naming convention <USERID>.L1E.EMP.PS2(allocate it in the sort step in JCL).
- Use control card CA11E<yyy>

STEP020:

- Sort the records in the above PS2 dataset (<USERID>.L1E.EMP.PS2) based on ENO
- If two records have same ENO sum the salary based on ENO,

Use control card CA21E<yyy>

STEP030:

INPUT:PS2

- All the ENO should start with P.EG. 10001 –Should be P10001.

- Copy the sorted records into PS3.(allocate in sort step)

Use control card CA31E<yyy>

STEP040:

- Check PS3 for empty file handling. If non empty perform step050 else perform step080.
- Use control card CA41E<yyy>

STEP050:

Copy the records from PS3 into PS4

- Calculate the Experience by finding the Difference between DOJ and CUY (EXP=CUY – DOJ)

Format of the output file PS4 is

ENO ENAME SALARY EXP

Use control card CA51E<yyy>

STEP060:

Use Input file as PS4

- If EXP is Greater than EQUAL TO 10 transfer those records to USERID>.L1E.EMP.MEXP
- IF EXP is Less than 10 transfer those records to USERID>.L1E.EMP.LEXP
- **Use control card CA61E<yyy>**

Step070:

Merge the Step060 output files to

- USERID>.L1E.EMP.FINAL

Use control card CA71E<yyy>

STEP080:

- Copy the records from PS2 into PS5.(allocate in sort step)

USERID>.L1E.EMP.PS5

Use control card CA81E<yyy>

STEP090:

1. **Sort the FINAL PS file Records in Ascending order Based on ENO**
   Use control card CA91E<yyy>

STEP2 JCL: JA21E<yyy>:

2.Alocate a KSDS named as USEDID.EMP,KSDS.using ENO as KEY.

3.LOAD the records from FINAL PS to KSDS.

4.Alocate AIX USERID.EMP.KSDS.AIX using ENO-NAME as the key.

5.Build the INDEX. And Path.

MOCK-9

STEP:1 ISPF

Allocate a PS dataset with record length 80 BYTES

CREATE A DATASET <TLABID>.L0C.PAT.PS1

START ENTERING THE RECORDS (DO NOT ENTER THE HEADER DETAILS)

PATIENT-ID	LOC	NAME	NO-OF-DAYS	BILL-AMT
X(10)	X(2)	A(36)	9(02)	9(06)
IM18341233	IN	DONALD	01	15000
IM32423423	NJ	RICHARD	02	16000
VN17502082	CA	MICHELLE	03	18000
IN17502082	CA	JANET	04	10600
IN17502082	CA	JANET	04	10600
0000175020	IN	WILLIAM	05	12500
VN17502081	OH	THOMAS	06	12000
TO17502082	OH	JENNIFER	07	25000
TO17502082	OH	JENNIFER	07	25000
TO17502128	SN	TIM	08	15000
IM17502082	NJ	FRIDA	09	15000
IM17502082	NJ	FRIDA	09	15000
VN09283472	IN	MANZON	10	15000

STEP2 : JCL

1. Create a JCL WHICH CALL OUT THE CATALOG PROCEDURE

PA10C<YYY> JCL PROC AND CONTROL CARD MEMBERNAMING CONVENTION

SHOULD BE JA10C<YYY> ,

PA10C<YYY> AND CC10C<YYY>

WHERE <YYY> DENOTES LAST 3 DIGITS OF YOUR TLAB USERID.

PROPER JOBCARD WITHOUT ANY RESTART STEP TO BE GIVEN. THE PROC PA10C<YYY> SHOULD CONTAIN THE FOLLOWING STEPS

STEP1: JCL

STEP005:

THIS STEP SHOULD BE THE DELETE STEP FOR NEW FILE PS2,

PS3,PS4,PS5 AND PS6 FILES

STEP010 :

REMOVE THE DUPLICATES FROM PATIENT-ID FROM PS1 FILE

<TLABID>.L0C.PAT.PS1 AND STORE THE OUTPUT INTO PS2 FILE

<TLABID>.L0C.PAT.PS2.

USE THE CONTROL CARD NAMING CONVENTION

AS **CC10C<YYY>.**

STEP020:

PERFORM THE BELOW OPERATIONS ON PS2 FILE. USE THE CONTROL CARD NAMING CONVENTION AS CC20C<YYY>

A. OMIT THE RECORS WHICH CONTAINS ‘00’ IN THE FIRST TWO BYTES.

B. INCLUDE ‘**’ AFTER THE PATIENT-ID.

THE OUTPUT DATASET IS PS3.

STEP030:

CHECK FOR THE FILE PS3,

IF IT DOESN'T CONTAIN RECORDS PERFORM STEP050

IF THERE ARE RECORS IN PS3, THEN EXECUTE STEP040.
(NOTE: EMPTY FILE HANDLING)

STEP040 :

USING FILE PS3 DO THE FOLLOWING OPERATIONS.
USE CONTROL CARD AS
CC40C<YYY>

A. PATIENT-NAME '.' SHOULD BE INSERTED

FOR EXAMPLE IF THE NAME IS 'DANIEL ' IT SHOULD BE 'D.DANIEL'

B. THE BILL AMOUNT SHOULD BE IN $

FOR EXAMPLE IF THE BILL AMOUNT IS 01500 IT SHOULD BE GIVEN AS $01500.
THE OUTPUT FILE SHOULD BE PS4.

STEP050:

COPY ONLY FIRST 5 RECORDS FROM PS2 TO PS5.

USE CONTROL CARD AS **CC50C<YYY>**

STEP060:

COPY THE PS2 FILE TO PS6 FILE WITH FIELDS
REARRANGED IN THE BELOW ORDER

USE CONTROL CARD AS **CC60C<YYY>**

PATIENT-ID	LOC	BILL-AMOUNT	NO-OF-DAYS	PATIENT-NAME
X(10)	9(02)	9(06)	9(02)	A(36)

STEP2: JCL

Step001.

Write a JCL to allocate a VSAM ksds dataset with Patient-id as Key.

VSAM DS NAME: <USERID>.PAT.KSDS.CLUS

Step002.

Write a JCL to load the records from PS6 to VSAM cluster.

Step003.

Write a jcl to allocate an AIX to KSDS Cluster.(KEY should be the PATIENT NAME)

AIX NAME: <USERID>.PAT.KSDS.AIX

Recordsize should be 80.

Step004.

Step4 should be Bldindx step.

Step005.Create path to AIX created.

Step006:

Rename the KSDS < USERID>.PAT.KSDS.CLUS to < USERID>.PAT.KSDS.NEW