Introduction to ISPF region & navigation of screens on Mainframe

- Refer to MVS Lab1
- Refer to MVS Lab4

USERID refers to your TSO login id. For eg TSO id's such as DSRP001,DSRP100,DSRP042

Introduction to COBOL

- Refer to COBOL class book Lesson 1

1. Write a Pseudo Code to get the name from the user & display them (To do)
2. Perform a self review with the code using the document shared (Checklist – Pseudo code) (To do)


Checklist - Pseudocode.xlsx

3. Perform a group review with your trainer (To do)
4. Derive an equivalent COBOL program for the code that all of us have generated, seek the help of your trainer (To do)

Execution of a COBOL program

- Refer to JCL Lab1 for executing the COBOL Program

5. Compile your first COBOL program which is stored in "USERID.IGATE.MF.FIRSTPRG(FIRSTPGM)".
   And the compiler is available at "USERID.IGATE.MF.FIRSTPRG(COBCOMP)". (To do)
6. Execute your first COBOL program which you have compiled. (To do)
7. Compile & execute your Second COBOL program which is stored in "USERID.IGATE.MF.FIRSTPRG(SECPGM)". (To do)
   a. Check if there are any errors in the program & list the difference.
8. Compile & execute your third COBOL program which is stored in "USERID.IGATE.MF.FIRSTPRG(THIRDPGM)" (To do)

Sorting Technique

- Refer to COBOL Class Book lesson 9
- Refer to the Insurance Policy Processing System document

1. Understand the insurance domain. For any quires seek the help from your facilitator
2. Write a Pseudo Code to sort a policy file in the form of ascending order depending on policy number. (To do)
3. Perform a self review with the code using the Checklist. (To do)
4. Perform a group review with your trainer (To do)
5. Derive an equivalent COBOL program for the code that all of us have generated, seek the help of your trainer (To do)
6. Compare the derived program with the program available on "USERID.IGATE.MF.SORTING(SORTING)" (To do)
7. Compile & execute the program. (To do)

Note: Unsorted records are available on "USERID.IGATE.MF.UNSRTED.FILE". And the sorted records should be loaded on "USERID.IGATE.MF.SRTED.FILE"

Reading all the records from the policy file

- Refer to the Insurance Policy Processing System document.
- Refer to COBOL Class Book lesson 8

1. Write a Pseudo Code to display the all the records from the policy file. (To do)
2. Perform a self-review with the code using the Checklist. (To do)
3. Perform a peer review with your co-team. (To do)
4. Derive an equivalent COBOL program for the code that you have generated. (To do)
5. Discuss with your facilitator with the COBOL code that you have generated.
6. Compile & execute them

Reading all the records from the policy file who have taken the policies for that particular month

- Refer to the Insurance Policy Processing System document.

1. Write a Pseudo Code to display the all the policy details of the customer, who has taken the policy for that particular month. (To do)
2. Perform a self review with the code using the Checklist. (To do)
3. Perform a peer review with your co-team. (To do)
4. Derive an equivalent COBOL program for the code that you have generated. (To do)
5. Discuss with your facilitator with the COBOL code that you have generated. Compile & execute them

Adding new records on the policy file

1. Write a Pseudo Code to add a new record into the policy file. (To do)
2. Perform a self review with the code using the Checklist. (To do)
3. Perform a peer review with your co-team. (To do)
4. Derive an equivalent COBOL program for the code that you have generated. (To do)
5. Discuss with your facilitator with the COBOL code that you have generated. Compile & execute them

1. **Generation of first report:** Generating report for new customers on monthly basis

- Refer to the Insurance Policy Processing System document – report1

a. Write a Pseudo Code to generate a report the all the policy details of the customer, who has taken the policy for that particular month. (To do)
b. Perform a self review with the code using the Checklist. (To do)
c. Perform a peer review with your co-team. (To do)
d. Derive an equivalent COBOL program for the code that you have generated. (To do)
e. Discuss with your facilitator or compare the derived program with the program available on "USERID.IGATE.MF.POLICY.MF.PGMS(NEWPOL)". (To do)
f. Compile & execute them
g. Compile & execute "USERID.IGATE.MF.POLICY.PGMS.ERROR(NEWPOL)"
When compiled & executed, identify the errors

h. Compile & execute "USERID.IGATE.MF.POLICY.PGMS.FILEERR(NEWPOL)"
When compiled & executed, identify the errors

Note: after each & every execution, view the generated report on "USERID.IGATE.MF.POLICY.REPORT"

2. **Generation of Second report:** Generating report where the status of the policy is been cancelled

➢ Refer to the Insurance Policy Processing System document – report2

a. Write a Pseudo Code to generate a report the all the policy details of the customer, who has taken the policy for that particular month. (To do)
b. Perform a self review with the code using the Checklist. (To do)
c. Perform a peer review with your co-team. (To do)
d. Derive an equivalent COBOL program for the code that you have generated. (To do)
e. Discuss with your facilitator or compare the derived program with the program available on "USERID.IGATE.MF.POLICY.REPORT2.PGMS(CANPOL)". (To do)
f. Compile & execute them. Refer to the report available on "USERID.IGATE.MF.POLICY.REPORT2".
g. Modify the above mentioned program, by providing the footer as

```
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        Reason for Cancellation: Policy has been expired

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```

3. **Generation of Third report:** Generate report where the status of the policy is been expired.

➢ Refer to the Insurance Policy Processing System document – report2
➢ For reference, you can use the program available at "USERID.IGATE.MF.POLICY.REPORT2.PGMS(CANPOL)".

a. Write a Pseudo Code to generate a report the where the status of the policies is been expired. (To do)
b. Perform a self review with the code using the Checklist. (To do)
c. Perform a peer review with your co-team. (To do)

d. Derive an equivalent COBOL program for the code that you have generated. (To do)
e. Code your program on "USERID.IGATE.MF.POLICY.REPORT3.PGMS(EXPYPOL)". (To do)
f. Compile & execute them.
g. The final layout of the report should be generated on "USERID.IGATE.MF.POLICY.REPORT3".

