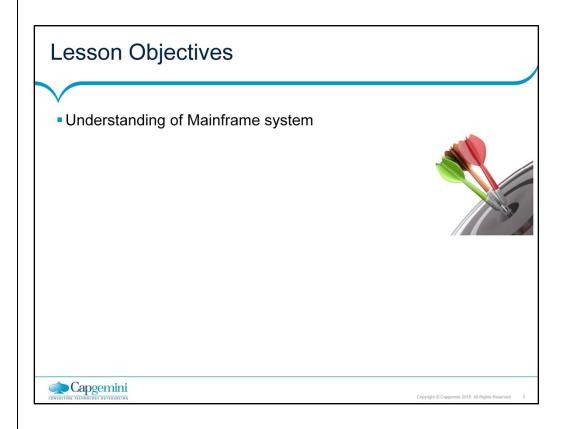
Familiarization to MF	
	Familiarization to MF



Day 1

- Lesson 1: Introduction to program development with pseudocode
- Lesson 2: Good Programming Practices
- •Introduction to Mainframe & ISPF region
- Demo on ISPF
- Logon on to Mainframe terminal
- Navigation of screens/options
- Usage of ISPF Primary Option 3 (Utilities)
- Introduction to COBOL
- Cobol coding format
- Cobol program structure
- Write a pseudocode to accept the name & display them
- Perform a self review with the help of pseudocode check list
- Perform group review to correct the format & logic
- Support the team to convert the pseudocode into COBOL programming



Day 1

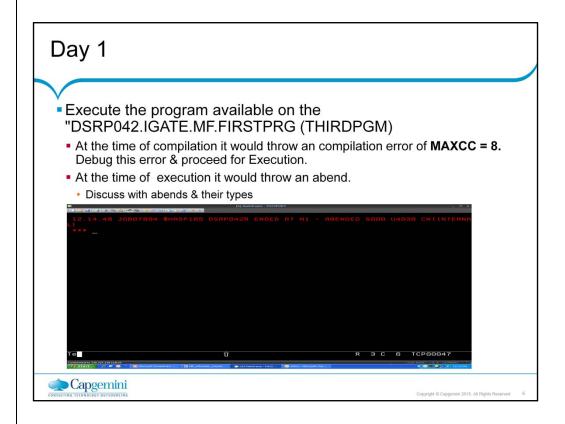
- Compile the application program
 - Introduction to JCL (theory)
 - Structure of JCL statement
 - JOB Statement
 - EXEC Statement
 - DD statement
 - Steps required for compiling the application program
 - Compilation
 - Execution



Day 1

- Execute the program available on the "DSRP042.IGATE.MF.FIRSTPRG (FIRSTPGM)
 - It would be a normal execution
- Execute the program available on the "DSRP042.IGATE.MF.FIRSTPRG (SECPGM)
 - It would be a normal execution
 - The difference is with the program. In this program group variables are used





Day 2

- Lesson 3: File Handling and Refactoring
- Understand the insurance domain
- Insurance Policy document
- Write a pseudo code to sort a policy file in the form of ascending order depending on policy number (use the file structure provided with the insurance domain document)
- Perform a self review with the help of pseudo code check list

- Perform group review to correct the format & logic
 convert the pseudo code into equivalent COBOL programming
 Compare the derived program with the program uploaded on the dataset "USERID.IGATE.MF.SORTING(SORTING)"
- Compile the program using appropriate JCLs
- Test & debug with the execution



Day 2

- Generate the pseudo code to display the policy details from the policy file
- Perform a self review with the help of pseudo code check list
 Perform group review to correct the format & logic
 convert the pseudo code into equivalent COBOL programming



Day 2

- Implement brain storming to bring down COBOL Programming for the generated pseudocode (derived on day1)
- Compare the derived program with the program uploaded on the dataset "USERID.IGATE.MF.READING(READING)"
- Compile the program using appropriate JCLs
- Test & debug with the execution
- Generate the Pseudocode for displaying all the new customer who have taken polices for that particular month & derive an equivalent COBOL program for the same
- Compare the derived program with the program uploaded on the dataset "USERID.IGATE.MF.SORTING(SORTING)"
- Compile the program using appropriate JCLs
- Test & debug with the execution



Day 3

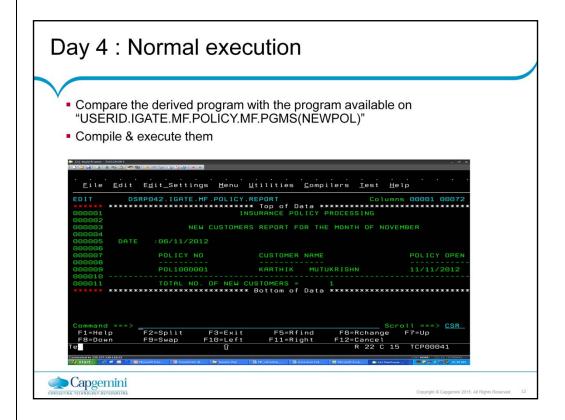
- Lesson 4 : Exception Handling
- Lesson 5: Software Testing
- Generate the Pseudocode for adding new customer into the policy file & derive an equivalent COBOL program for the same
 - Compare the derived program with the program uploaded on the dataset "USERID.IGATE.MF.WRITING(SORTING)"
 - Compile the program using appropriate JCLs
 - Test & debug with the execution
- Generating a report of new customers on monthly basis.

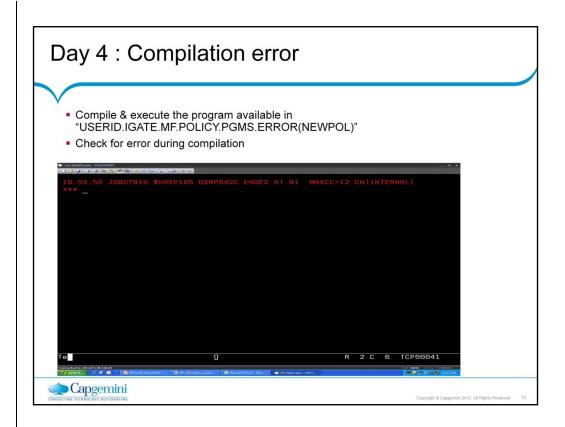


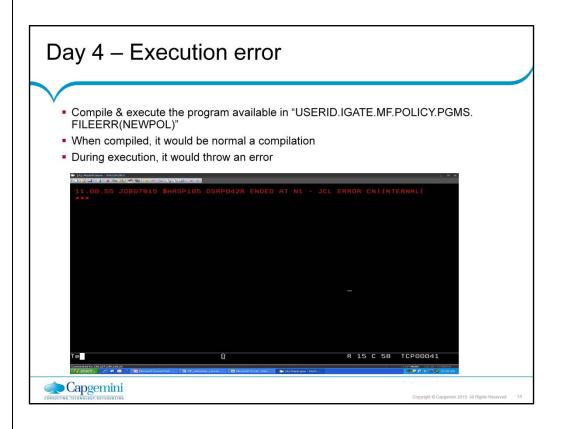
Day 3

- Report1
- Write a Pseudocode to generate a report the all the policy details of the customer, who has taken the policy for that particular month
- Perform a self review with the code using the Checklist
- Perform a peer to peer review with your team members
- Derive an equivalent COBOL program for the code that you have generated





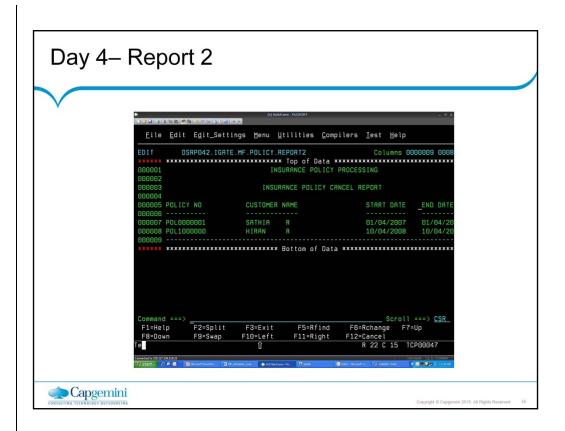




Day 4 - Report 2

- Generating a report with note of cancellation. Refer to the below link for report format
- Cancellation report
- Write a Pseudocode to generate a report the all the policy details of the customer, who has taken the policy for that particular month
- Perform a self review with the code using the Checklist.
- Perform peer to peer review with your team members
- Derive an equivalent COBOL program for the code that you have generated
- Compare the derived program with the program available on "USERID.IGATE.MF.POLICY.REPORT2.PGMS(CANPOL)"
- Compile & execute
- Report generated would be as shown in next slide





Day 4

Modify the above program by including the footer as mentioned below

Reason for Cancellation: Policy has been expired

- Participants have to code the complete program to achieve the above mentioned task.
- Only an empty PDS dataset named "USERID.IGATE.MF.POLICY.REPORT3.PGMS" & "USERID.IGATE.MF.POLICY.REPORT2" would be shared



Login to Mainframe system Working with Dataset Writing a Cobol Programs Compilation of COBOL programs Report generation Summary

Capgemini