

Generation Cognizant (GenC)

Student Handbook

(Mainframe Track)

Learning Journey Guide

Java Track – Full Internship

**Why do we need this Academy enablement Program?**

Academy enablement program engages young talents with a comprehensive learning pathway, giving these millennials an opportunity to interact with Subject Matter Experts (SME), understand the corporate environment, and groom themselves even before they join us.

Cognizant emphasizes on Learner Autonomy where students take charge of their own learning, with the available tools and resources. More focus is on “learning” than “teaching”. Get ready to embark your own learning adventure!



**Program at a glance**

Learning consisting of multiple Stages

* Stage 1 – Core Mainframe Fundamentals (4 weeks)
* Stage 2 – COBOL Programming Language

DB2 Programming Language

* Business Aligned Project (2 weeks)



**Program Highlights**

* The complete learning journey is formalized using adult learning principles, where problem solving and applying the skills gained are given more importance than conceptual learning.
* Learner Autonomy is encouraged via Flipped Classroom, where the learning platform offers world class learning resources, and students would not be constrained by tutelage of an instructor.
* Get mentored by SME, whose motivation and guidance will help you accelerate in the learning journey.

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Learning Journey with Flipped Classroom (Stage 1)

This program encourages you to be more autonomous learners during guided self-learning hours, completing the learning objectives on your own pace and style, and get ready for the hands-on practice time.

The complete learning path is set in the [GEN C Learn Platform](https://cognizant.tekstac.com/login/index.php), which you can login with SSO.

Flipped Classroom

Recommended Program Sequence

The learning journey starts with 5 days Icebreaker sessions followed by a technical learning. The learning journey contains 2 stages followed by a Business Aligned Project aka My First Real-time Project (MFRP).

* Stage 1 –Core Mainframe Fundamentals
* Stage 2 –COBOL Programming Language

–DB2 Programming Language

* Business Aligned Project will provide you an experience of working in a real time software project

Ice Breaker

Stage 1 - Core Programming Fundamentals

Key Learning Components of the Program

Cognizant has collaborated with learning videos for the evolving future of work. These are woven in to a learning path, empowering you to plan and learn at your style.

The program also connects you with Subject Matter Experts to get the professional guidance on your queries in the learning journey.

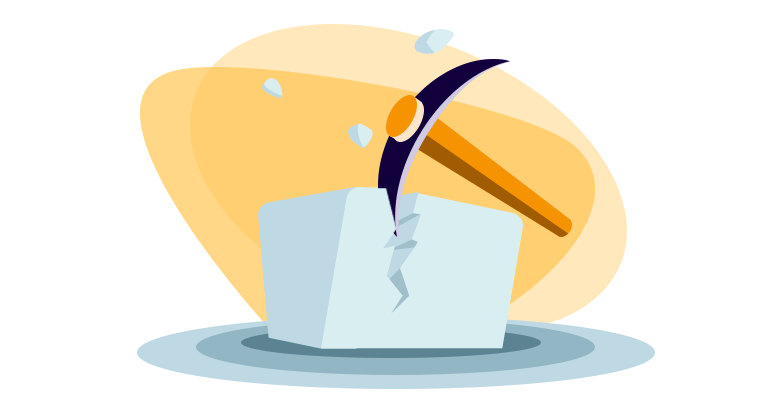
The program continuously evaluates if you are able to apply those self-learnt skills to solve a business problem. Depicted below are the three key learning components, which are distributed across the learning journey for the purpose of continuous evaluation.

The new PHS model will have Qualifier Assessment at the last week of Stage 1 for you to proceed to Stage2 of training. PHS would be calculated from Stage 2. Interim Project Evaluation and Technical evaluation by mid of Stage 2 and Final Project Evaluation and Technical evaluation by end of Stage 2

You have to score a minimum of 70% in each of the key components.

**Note:** Throughout the learning path, all the Mandatory Learning Components will attribute to the Performance Health Score. Additional Learning Components will help you to enhance your expertise level.

Icebreaker: Week 1



Ice breaker session will be conducted for a duration of 5 days. During the session, various topics related to Corporate Induction, Talent Management, Cognizant Agenda on Core Values, Leader Talks, Alumni, BU Mentor connects will be covered.

**Icebreaker Session**

**Following sessions will be covered during the 5 days of icebreaker**

* Corporate Induction
* Talent Manager Connect
* Cognizant Agenda Sessions on Core Values
* Leader Talks (Academy) and many more…

Stage 1: Week 1



Week 1 will be focusing on ESC and TSO/ISPF along with Behavioral skills \*

Video Based learnings are recommended in the Platform to understand the fundamental concepts. Apply the concepts learned and solve the Hands-on and Practice Case studies as recommended below.

**Note**: You will find the hands-on and practice case study in the current learning path's module as per the names specified below.

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| Day 1 |

**ESC, Mainframe Modernization**

**Continuous Learning: Technical Enablement**

**Learn the basics of ESC & TSO/ISPF**

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|  | * Learn the sections listed below in the LP.   + ESC   + Mainframe Modernization |

**Go through Learnings for below specific topics to enhance the learnings.**

* Legacy Application Characteristics
* Legacy Application Challenges
* Need to Modernize Legacy Applications
* Style of Legacy Application Modernization
* Need for Legacy Application Integrations
* Mainframe Integration Patterns and Scenario for Integration

**Continuous Learning: Quiz**

Quizzes

|  |
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| * ESC (All Quizzes) |

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| Day 2 |

**Behavioral Training:**

* Behavioral Session

**TSO/ISPF**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics.

* ISPF Utilities
* Find & Change options

**Continuous Learning: Technical Hands-on**

Hands-on

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| * ISPF Utilities ( All Hands-on) * Find and Change Options (All Hands-on) |

Quizzes

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| * ISPF Utilities ( All Quizzes) * Find and Change Options ( All Quizzes) |

Please note for TSO/ISPF module Hands-on to be completed in MF server. No code to be uploaded and auto evaluated. Completion of respective quiz would be considered for hands-on completion.

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| Day 3 |

**Behavioral Training:**

* Behavioral Session

**TSO/ISPF**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Other Utilities
* System Display Search Facility – SDSF
* ISPF Settings

**Continuous Learning: Technical Hands-on**

Hands-on

* Other Utilities (All Hands-on and Quiz)

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| Day 4 |

**TSO/ISPF & JCL & IBM UTILITIES**

**Continuous Learning: Technical Hands-on**

Hands-on

* System Display Search Facility – SDSF (All Hands-on and Quiz)
* ISPF Settings (All Hands-on and Quiz)
* Complete the Post Quiz of Enterprise System Concepts
* Introduction to JCL

Additional Hands-on

Practice Case Study

* 01\_TSO-ISPF
* 02\_TSO-ISPF

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| Day 5 |

**AGILE WORKSHOP**

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Statements & Parameters

**Continuous Learning: Technical Hands-on**

Complete all the hands-on and attempt the Pre-Quiz

* Exercise 1 & 2
* Exercise 3 (Hands-on to be completed in MF server. No code to be uploaded and auto evaluated.)

Mandatory Hands-on

* Introduction to JCL
* Complete the Quiz

Stage 1: Week 2

Week 2 will be focusing on JCL & IBM utilities with Behavioral skills \*

Learnings/videos in the platform are recommended to understand the fundamental concepts. Apply the concepts learned and solve the Hands-on and Practice case study as recommended below.

**Note**: You will find the hands-on and in the current learning path's module as per the names specified below.

For all Hands-on exercises, code needs to be uploaded and evaluated in the GenC learn environment for mark completion.

Refer the document in Gen C Learn on how to upload code and do auto evaluation.

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| Day 6 To Day 10 |

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete all the hands-on and attempt the quiz.

* Statements & Parameters
  + Exercise 01-10

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* JCL Procedures, Symbols & Others

**Continuous Learning: Technical Hands-on**

**Mandatory Hands-on**

Complete all the hands-on and attempt the quiz.

* JCL Procedures, Symbols & Others
  + Exercise 01-05,07-08
  + Exercise 06 (Hands-on to be completed in MF server. No code to be uploaded and auto evaluated.)

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* GDG's, Condition codes, Control Statements

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and attempt the quiz.

* GDG's, Condition codes, Control Statements
  + Exercise 01-06

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* JCL for Batch applications
* Abend Handling

**Continuous Learning: Technical Hands-on**

**Mandatory Hands-on**

Complete the quiz for below topic

* JCL for Batch applications

Complete the hands-on and attempt the quiz.

* Abend Handling
  + Exercise 01-02

Additional Hands-on

* JCL for Batch applications
  + Exercise 01-02

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* IBM Utilities – 1
  + IEBGENER Utility
  + IEBCOPY Utility

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* IBM Utilities – 1
  + Exercise 01-06

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* IBM Utilities – 1
  + Multistep Job

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and attempt the quiz.

* IBM Utilities – 1
  + Multistep Job (Exercise 07-09)

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* IBM Utilities -2

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the below hands-on.

* IBM Utilities -2
  + Exercise 01 – 04

**Behavioral Training:**

* Behavioral Session

**JCL & IBM Utilities**

**Continuous Learning: Technical Hands-on**

Go through learnings for below specific topics to enhance the learning.

* Schedulers

**Continuous Learning: Technical Enablement**

Mandatory Hands-on

Complete the hands-on and attempt the quiz.

* IBM Utilities -2
  + Exercise 05 – 08

Quiz

* Schedulers
* Post Quiz

**JCL & IBM Utilities**

**Continuous Learning: Technical Hands-on**

Additional Hands-on

* Practice Case Study 01\_JCL
* Practice Case Study 02\_IBM Utilities I
* Practice Case Study 03\_IBM Utilities II

Stage 1: Week 3

Week 4 will be focusing on VSAM along with Behavioral skills \*

Week 3 will be focusing on VSAM with Behavioral skills \*

Learnings/videos in the platform are recommended to understand the fundamental concepts. Apply the concepts learned and solve the Hands-on and Practice case study as recommended below.

**Note**: You will find the hands-on and in the current learning path's module as per the names specified below.

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| Day 11 |

**VSAM**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Basic Concepts of VSAM
* VSAM Internal Organization

**Continuous Learning: Technical Hands-on**

Complete the quiz.

* Basic Concepts of VSAM
* VSAM Internal Organization

Additional Hands on

Complete the Pre quiz

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| Day 12 |

**VSAM**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* VSAM Types

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and quiz

* VSAM Types
  + Exercise 01 – 07

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| Day 13 |

**Behavioral Training:**

* Behavioral Session

**VSAM**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Access Method Services

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and quiz

* Access Method Services
  + Exercise 01 – 14

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| Day 14 |

**Behavioral Training:**

* Behavioral Session

**VSAM**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Alternate Index
* VSAM using ISPF
* Tools
* VSAM Handling

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on Exercise 01 – 07 and quiz.

* Alternate Index
  + Exercise 01 – 07

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| Day 15 |

**VSAM**

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and quiz.

* VSAM using ISPF
  + Exercise 01-05 (Hands-on to be completed in MF server. No code to be uploaded and auto evaluated. Completion of respective quiz would be considered for hands-on completion)
* Tools
  + Exercise 01-10 (Hands-on to be completed in MF server. No code to be uploaded and auto evaluated. Completion of respective quiz would be considered for hands-on completion)
* VSAM Handling
  + Complete the quiz
* VSAM Post Quiz
  + Complete the quiz

**Practice Mock Assessments - JCL & VSAM**

Stage 2 – COBOL and DB2 Programming Language

Stage 2 covers both COBOL and DB2 Programming Language.

Week 4-6 will be focusing on COBOL Programming Language along with Behavioral skills.

Week 7-10 will be focusing on DB2 Programming Language along with Behavioral skills.

For all Hands-on exercises, code needs to be uploaded and evaluated in the GenC learn environment for mark completion.

Refer the document in Gen C Learn on how to upload code and do auto evaluation.

Stage 2: Week 4

Week 4,5 and 6 will be focusing on COBOL along with Behavioral skills \*

Video learnings are recommended in the Platform to understand the fundamental concepts. Apply the concepts learned and solve the Hands-on and Practice Case studies as recommended below.

**Note**: You will find the hands-on and practice case study in the current learning path's module as per the names specified below.

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| Day 16 |

**JCL-VSAM**

Complete the below Qualifier Assessment.

**Stage 1 Assessment - JCL & VSAM**

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| Day 17 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Attempt the Pre-Quiz.
* Introduction to COBOL

**Continuous Learning: Technical Hands-on**

* Attempt the QUIZ

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| Day 18 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Structure - Part 1
* CODE DEMO -How to write a Sample COBOL Program
* CODE DEMO - How to Compile & Execute COBOL Program

**Additional Learning:**

Additional Hands-on

Complete the hands-on.

Practice Case Study

• 01\_VSAM

• 02\_VSAM

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| Day 19 |

**Behavioral Training:**

* Behavioral Session

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Structure - Part 2

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and quiz.

* + Exercise 1.1: COBOL Program Layout
  + Exercise 1.2: COBOL Program Layout
  + Attempt the QUIZ

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| Day 20 |

Day

**Behavioral Training:**

* Behavioral Session

23

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-1 Part-1
* CODE DEMO -Arithmetic Operation Example

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* Exercise 1.1 - Program Control1 -Display and Move Verb

Stage 2: Week 5

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| Day 21 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-1 Part-2

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* Exercise 1.2 - Program Control1 -Arithmetic Operation
* Exercise1.3 - Program Control1 -Compute

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| Day 22 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-1 Part-3
* Program Control-1 Part-4
* CODE DEMO - String and Unstring Example

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* Exercise 1.4- Program Control1 -String Manipulation
* Exercise 1.5- Program Control1 -MOVE, EDIT,COMPUTE
* Attempt the QUIZ

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| Day 23 |

**Behavioral Training:**

* Behavioral Session

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-2 Part-1

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* EX2.1: Program Control-2 -EDITING CLAUSE

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| Day 24 |

**Behavioral Training:**

* Behavioral Session

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-2 Part-2

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on.

* + EX 2.2 Program Control 2 - IF CONDITIONAL EXPRESSION
  + EX 2.3 Program Control 2 - SIMPLE PERFORM

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| Day 25 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Program Control-2 Part-3
* Program Control-2 Part-4
* COBOL\_Coding\_Standards\_v1.0

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and attempt the QUIZ

* + EX 2.5 Program Control 2 -EVALUATE
  + EX 2.7 Program Control 2 - CONDITIONAL STATEMENTS

Additional Hands-on

* + EX 2.4 Program Control 2 - PERFORM VARYING
  + EX 2.6 Program Control 2 - PERFORM VARYING STATEMENTS

Stage 2: Week 6

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| Day 26 |

**Behavioral Training:**

* Behavioral Session

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* File Handling
* CODE DEMO: To read the record from the Dataset
* CODE DEMO: To write the record inside the Dataset

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on

* + Exercise 3.1 File Handling

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| Day 27 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* VSAM File Handling -1
* CODE DEMO: To write the records inside the ESDS Dataset
* CODE DEMO: To read the records from the ESDS Dataset
* CODE DEMO: ESDS Extend
* VSAM File Handling 2
* CODE DEMO: To write the records inside the KSDS Dataset
* CODE DEMO: To read the records from the KSDS Dataset

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on

* + Exercise 3.2 File Handling
  + Exercise 3.3 File Handling

**Behavioral Training:**

* Behavioral Session

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* CODE DEMO: To read the record from the KSDS Dataset using Random Access Mode
* File Handling-Abend Handling and Copy Books
* CODE DEMO: Rewrite in KSDS
* CODE DEMO: START verb in KSDS
* CODE DEMO: To read the records from the RRDS Dataset

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and Quiz

* + Exercise 3.4 File Handling
  + Exercise 3.6 File Handling
  + Attempt the quiz

Additional Hands-on

Complete the hands-on

* + Exercise 3.5 File Handling

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| Day 28 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Table Handling - Part 1
* Table Handling - Part 2
* CODE DEMO: Occurs Clause
* CODE DEMO: INDEXED Clause
* CODE DEMO: TWO DIMENSIONAL OCCURS Clause

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on

* + Exercise 4.1 Table Handling - One Dimensional
  + Exercise 4.2 Table Handling - One Dimensional

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| Day 29 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Table Handling - Part 3
* CODE DEMO: SEARCH
* CODE DEMO: SEARCH ALL
* CODE DEMO: OCCURS DEPENDING Clause

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and Attempt the QUIZ

* + Exercise 4.3 Table Handling - SEARCH
  + Exercise 4. Table Handling - SEARCH ALL
  + Exercise 4.5 Table Handling - File

**COBOL Practice Actual Assessment**

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| Day 30 |

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Inter Program Communication -Part 1
* Inter Program Communication -Part 2
* CODE DEMO: Linkage Section

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on

* + Exercise 5.1 Inter Program Communication
  + Exercise 5.3 Inter Program Communication
  + Case Study 01: COBOL
  + Case Study 02: COBOL

Additional Hands-on

* + Exercise 5.2 Inter Program Communication

**COBOL**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* Inter Program Communication -Part 3

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Complete the hands-on and Attempt the QUIZ

* + Exercise 5.4 Inter Program Communication
  + Case Study 03: COBOL, VSAM
  + Case Study 04: COBOL, VSAM
  + Case Study 05: COBOL

Additional Hands-on

* + Exercise 5.5 Inter Program Communication
  + Attempt the Post QUIZ

Stage 2: Week 7

Week 7 and 8 will be focusing on DB2 along with Behavioral skills \*

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| Day 31 |

**Interim Project Evaluation and Technical Evaluation**

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| Day 32 |

**Behavioral Training:**

* Behavioral Session

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

• Introduction to DB2 Objects -Part 01

• Introduction to DB2 Objects -Part 02

• DB2 Intro

• Integrity and Data types

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

Introduction to DB2 Objects

* Complete the Quiz

Integrity and Data types

* Complete the Quiz

**Behavioral Training:**

* Behavioral Session

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Query Tool
  + SQL-DDL
  + DDL Constraints
  + SQL-Basic DML & Operators
  + SQL-DML Select
  + CODE DEMO: DDL
  + CODE DEMO: DML

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Query Tool- Quiz
* Complete Ex1.1,1.2,1.3 and 1.4

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| Day 33 |

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + SQL – Scalar Functions & Arithmetic
  + SQL-DML Aggregate functions
  + SQL-Joins
  + CODE DEMO: DML INSERT
  + CODE DEMO: AGGREGATE
  + SQL – Subquery
  + SQL-DCL
  + CODE DEMO: SUBQUERIES

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete Ex1.5,1.6,1.7,1.8,1.9 and 1.10
* Complete all the rest Ex1.11 -1.20
* Complete the Quiz

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Introduction of simple COBOL DB2 Application Program Part01
  + Introduction of simple COBOL DB2 Application Program Part02
  + CODE DEMO: COBOL-DB2 Program to create a DB2 table
  + CODE DEMO: COBOL-DB2 Program to insert data into table

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete all the Ex2.1 -2.6 exercises.

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| Day 34 |

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + CODE DEMO: COBOL-DB2 Program to retrieve data from table

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete all the Ex 2.7 -2.10 exercises.
* Complete the Quiz of COBOL DB2 Application

Day 53

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Program Preparation Part 01
  + Program Preparation Part 02

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz of Program Preparation

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Cursor
  + CODE DEMO: Cursor in COBOL-DB2 Program

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete all the Ex 3.1 -3.3 exercises

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| Day 35 |

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + CODE DEMO: Cursor for Update in COBOL-DB2 Program

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete all the Ex 3.4 -3.6 exercises
* Complete the Quiz of Cursor

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Handling NULL and VARCHAR
  + CODE DEMO: Handling NULL & VARCHAR
  + CODE DEMO: NULL INDICATOR SELECT

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete all the Ex 4.1 -4.3 exercises
* Complete the Quiz

Stage 2: Week 8

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| Day 36 |

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Tablespaces & Locks

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Error Handling

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz

Additional Hands-on

* Error Handling -Embedded COBOL Program

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| Day 37 |

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Commit and Rollback

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Bind Parameters & Miscellaneous -01
  + Bind Parameters & Miscellaneous -02

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz

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| Day 38 |

Day 50

**DB2**

**Continuous Learning: Technical Enablement**

Go through learnings for below specific topics to enhance the learning.

* + Query Optimization and Performance

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Complete the Quiz
* Case Study 1
* Case Study 2

**DB2**

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Case Study 3

Complete the Mock DB2 Assessment

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| Day 39 |

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ay **LLPS Session**

**DB2**

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Case Study 4: TRAINEE DETAILS

**Practice Assessment – DB2**

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| --- |
| Day 40 |

**DB2**

**Continuous Learning: Technical Hands-on**

Mandatory Hands-on

* Case Study 5

**CICS learnings**

Stage 2: Week 9 & Week 10

**Week 9 and Week 10 - Business Aligned Project (MFRP)**

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| Day 41 |

**GenC AI learnings – Optional**

**Continuous Learning: Technical Enablement**

**Go through the following Learnings to enhance the Knowledge on Modern World**

Neural Networks - The Complete Neural Networks Bootcamp: Theory, Applications

GenAI Course - GENERATIVE AI GUIDE: DALL-E, CHATGPT, AND CREATIVITY WITH AI

ChatGPT - ChatGPT Masterclass - The Ultimate Guide

**KBA Assessment need to be completed during the first week of MFRP.**

BUSINESS ALIGNED PROJECT-Week 10 Onwards

Business Aligned Project (MFRP) – Week 9 Onwards

**Overall duration**: 10 days

Genc will be split into groups and business case study will be provided by mentor to each group. The duration of which is 10 days. Genc’s group should undergo Requirement Analysis, Functional and Technical Design followed by coding and providing business solution.

Project Evaluation will be based on:

* Contribution to Project
* Project Completion
* Standards and Best Practices
* Confidence and Articulation

**Final Project Evaluation and Technical Evaluation**

FAQ

**1.Who can participate in this program?**

**1.Who can participate in this program?**

Students who have enrolled for Full Internship Program (or) the Cognizant on-boarded GENC’s can participate in this program.

**2. Is there any pre-learning I should do?**

No. This program is open to all students from any academic discipline.

3. How will I know my RAG status?

It will be shown to you in the GEN C learn Platform, in your Home Page.

4. What is Assess-type-1?

A problem statement will be provided to you and you need to solve it using a single skill.

5. What is Assess-type-2?

A case study problem statement will be provided to you, that you may need solve using the combination of Skills learnt in the given stage.

6. Whom do I reach out in case of any queries?

Coach is your point of contact.