| **Learning Objectives** | * Write the methods that complete the program. * Test the program to verify if it works properly. * Prepare the program to handle wrong data format insertion. * Create Unit tests to automate the program validation. |
| --- | --- |
| **Assessment** | * **Project**: Complete the assessment criteria in the project [rubric](https://docs.google.com/spreadsheets/d/1vfhUEsuHHIgsA24pPr5Pi-hSinSbyUwm4NnpJ9Mb3Tc/edit?usp=sharing). |

| **Time** | **Activity** |
| --- | --- |
| (3 min) | **OPENING** |
| (2 hours 45 min) | **Project: StudentGen project in Github**   * [StudentGen project in Github](https://github.com/generation-org/JAVA/blob/master/Final%20Project/README.md) |
| (10 min) | **DEBRIEF** |
| (2 min) | **CLOSING** |

| **OPENING (3 min)** |
| --- |

| **Activity Type** | Reading |
| --- | --- |
| **Framing Text** | Welcome to the end of course assessment for the Java Programming Fundamentals module!  In this session, you will complete the **StudentGen project in Github.**  By the end of this session, you will be able to:   * Write the methods that complete the program. * Test the program to verify if it works properly. * Prepare the program to handle wrong data format insertion. * Create Unit tests to automate the program validation. |
| **Assets** | * n/a |

| **Project: StudentGen Project (2 hours 45 min)** |
| --- |

| **Activity Type** | GitHub content |
| --- | --- |
| **Framing Text** | Put your Java coding skills to the test! Use what you have learned in this course to create a program that enrolls students in Generation Courses.  Remember to review the [assessment requirements](https://docs.google.com/spreadsheets/d/1vfhUEsuHHIgsA24pPr5Pi-hSinSbyUwm4NnpJ9Mb3Tc/edit?usp=sharing) to know how you will be graded on this project.  This will take you approximately **2 hours 45 min** to complete.  After completing it, make sure you come back to complete a brief discussion on Canvas.   * [StudentGen project in Github](https://github.com/generation-org/JAVA/blob/master/Final%20Project/README.md)   Happy coding!   | **Note**: Please reach out to instructors asking for help if you get stuck with Github’s content. | | --- | |
| **Assets** | * [StudentGen project in Github](https://github.com/generation-org/JAVA/blob/master/Final%20Project/README.md) |

| **DEBRIEF (10 min)** |
| --- |

| **Activity Type** | Discussion Forum |
| --- | --- |
| **Framing Text** | Now that you have completed the assessment, you are ready to show your instructor and your peers what you built!  **Directions:**   * **Send** a link to your repository to your instructor. * **Post** a link to your Github pageto your peers. * **Share** your solutions to the question by posting in this discussion forum.   Once you have posted to the discussion forum, **take** time to review your fellow participants’ answers and **leave** a comment on at least one of them.  **Questions:**   * **What did you like about this project?** * **What did you struggle with in this project?** * **What would make your experience with this assessment better?** |
| **Assets** | * n/a |

| **CLOSING (2 min)** |
| --- |

| **Activity Type:** | Reading |
| --- | --- |
| **Framing Text:** | Thank you for working through this assessment session.  By now you should be able to:   * Write the methods that complete the program. * Test the program to verify if it works properly. * Prepare the program to handle wrong data format insertion. * Create Unit tests to automate the program validation.   In the next session, you will get back together synchronously with your instructor to debrief your learning experience.  We look forward to seeing you soon! |
| **Assets:** | * n/a |