

Core Java - Exceptions Assignment

Instructions:

Below you will find a series of assignments that you will complete in this exercise. You will need to create a new project folder for this task and name it **Java_Assignment_8_Exceptions**. You can use the default settings when creating the new project.

For each of the below assignments you will create new classes as specified below. You can keep them in the default package.

Most classes will NOT declare a main() method except for the Application.java file that you will write for a package. In your assignments, you will execute the main() method of the Application.java file.

Assignments

1. Write a class **CustomException** that extends the Exception class. In another class Runner, write a method, run() that throws this CustomException. Use a try/catch/block to manage exception handling in an Application class that instantiates a Runner and calls its run method.

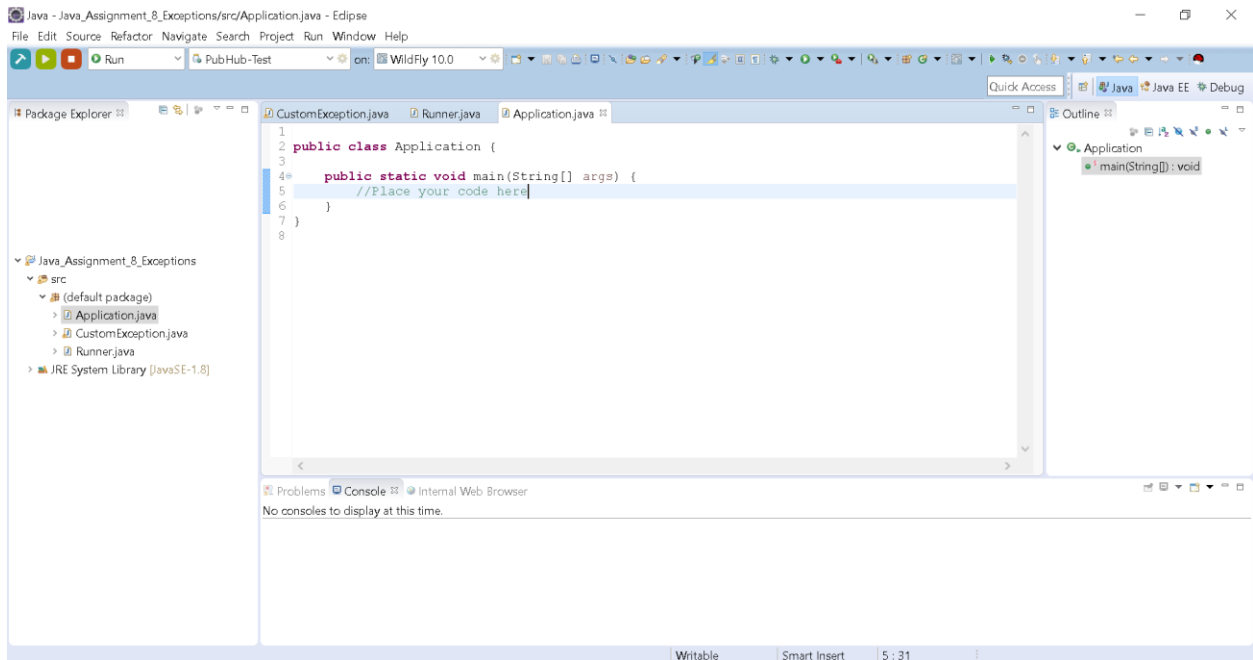
Goal:

The purpose of this assignment is to provide you practice with writing classes that makes use of a custom exception. You will utilize the **main()** method of your classes to execute a particular goal of the assignment. This main() method should be implemented in a Application.java file.

By the end of this assignment, you will have 1 new project folder with the classes that meet the requirements mentioned above.

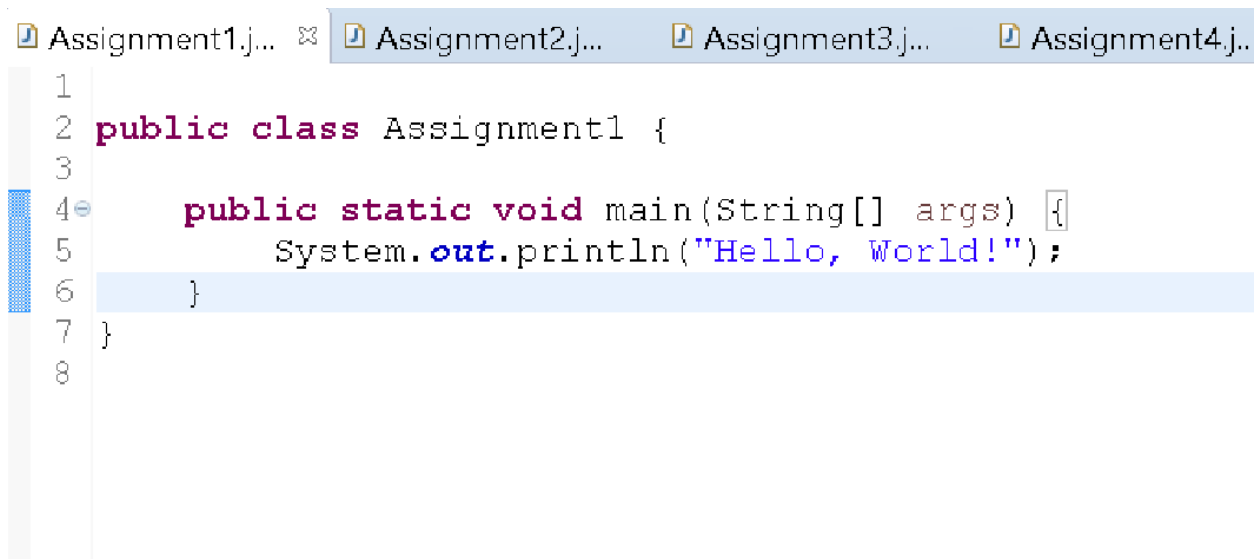
Helpful Notes

Project Structure:



- Your project structure should resemble the above. Note that the name of the project is **Java_Assignment_8_Exceptions**.

Assignment Classes:



- Notice the indentation of the statement on line 5 to show that it is part of the main() method. Likewise, your code should follow this pattern.