

Exception Handling: Index Out of Bounds

Due Jul 11 by 11:59pm **Points** 100 **Submitting** a text entry box or a file upload
Available Jul 8 at 12am - Jul 13 at 11:59pm 6 days

This assignment was locked Jul 13 at 11:59pm.

Write a Program that Meets the Following Requirements

- Calls a method that creates an Array with 100 Random Generated Integers
- Calls a method that prompts the user to enter an index position of the array and returns the value entered. If the value entered by the user is not a valid integer, throw an "Input Mismatch Exception" that prompts the user of the problem and permits them the opportunity to input a correct integer or exit program
- Calls a method that receives the value that the user entered as an index position in the array. The method will display the corresponding value in the index position of the value entered. If the value entered by the user is outside of a valid index position in the array, throw an "Array Index Out Of Bounds Exception".
- All exception should be detected in their associated methods and handled in the main method

Submit a Lab Report

Submit the project as a Zipped IntelliJ Project Folder.