**Assisted Practice: 3.4 try-catch Statements**

This section will guide you to:

* Write a program in Java to demonstrate try and catch
* Use Eclipse (the popular text editor for Java programs)
* Push code to Git

This lab has three sub-sections, namely:

* + 1. Creating a new project in Eclipse
    2. Writing a program in Java to demonstrate try and catch
    3. Pushing the code to your GitHub repositories

**Step 3.4.1:** Creating a new project in Eclipse

* Open Eclipse
* Go to File -> New -> Project -> Java Project -> Next.
* Type in any project name and click on “Finish.”
* Select your project and go to File -> New -> Class.
* Enter **MyClass** in any class name, check the checkbox “public static void main(String[] args)”, and click on “Finish.”

**Step 3.4.2:** Writing a program in Java to demonstrate try and catch

public class MyClass

{

public static void main(String args[])

{

int[] array = new int[3];

try

{

array[7] = 3;

}

catch (ArrayIndexOutOfBoundsException e)

{

System.out.println("Array index is out of bounds!");

}

finally

{

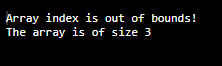
System.out.println("The array is of size " + array.length);

}

}

}

**Output:**



**Step 3.4.3:** Pushing the code to your GitHub repositories

* Open your command prompt and navigate to the folder where you have created your files.

**cd <folder path>**

* Initialize your repository using the following command:

**git init**

* Add all the files to your git repository using the following command:

**git add .**

* Commit the changes using the following command:

**git commit . -m “Changes have been committed.”**

* Push the files to the folder you initially created using the following command:

**git push -u origin master**