**Assisted Practice: 3.6 Implement the Exception Handlers**

* Write a program in Java to demonstrate exception handling
* 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 exception handling
    3. Pushing the code to your GitHub repositories

**Step 3.6.1:** 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 **Example1** class name, check the checkbox “public static void main(String[] args)”, and click on “Finish.”

**Step 3.6.2:** Writing a program in Java to demonstrate exception handling

public class TestThrow {

//function to check if person is eligible to vote or not

public static void validate(int age) {

if(age<18) {

//throw Arithmetic exception if not eligible to vote

throw new ArithmeticException("Person is not eligible to vote");

}

else {

System.out.println("Person is eligible to vote!!");

}

}

//main method

public static void main(String args[]){

//calling the function

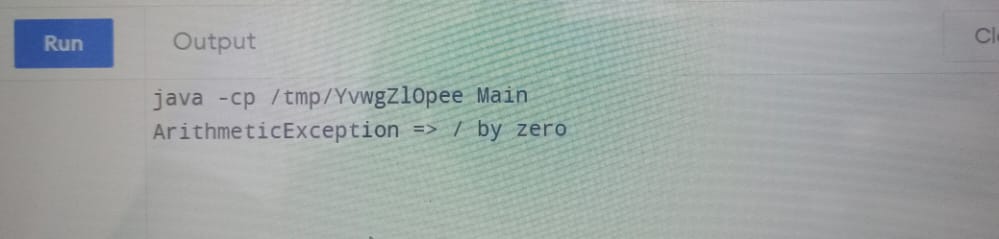
validate(13);

System.out.println("rest of the code...");

}

}

**Output:**

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