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

This section will guide you to:

* 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

class MyException extends Exception{

String str1;

MyException(String str2) {

str1=str2;

}

public String toString(){

return ("MyException Occurred: "+str1) ;

}

}

class Example1{

public static void main(String args[]){

try{

System.out.println("Starting of try block");

// I'm throwing the custom exception using throw

throw new MyException("This is My error Message");

}

catch(MyException exp){

System.out.println("Catch Block") ;

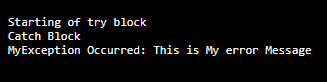
System.out.println(exp) ;

}

}

}

**Output:**



**Step 3.6.3:** 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**