Experiment No. 12

Aim

Java Program to demonstrate the concept of try, catch, and finally block in Exception Handling.

Source code

```java
package java_file;

import java.util.Scanner;

public class _12_Excepion_Handling {

    public static void main (String[] args) {

        Scanner input=new Scanner (System.in);

        System.out.println("Enter 2 numbers to perform Division ???");

        int a=input.nextInt();

        int b=input.nextInt();

        try

        {

            int c=a/b;

            System.out.println("The Quotient of division is :: "+c);

        }

        catch (ArithmeticException e)

        {

            System.out.println("Division by Zero is not Possible!!!!");

        }

        finally

        {

            System.out.println("\nRun the Code Again if Needed...");

            System.out.println("The Program has Ended!!!");
```
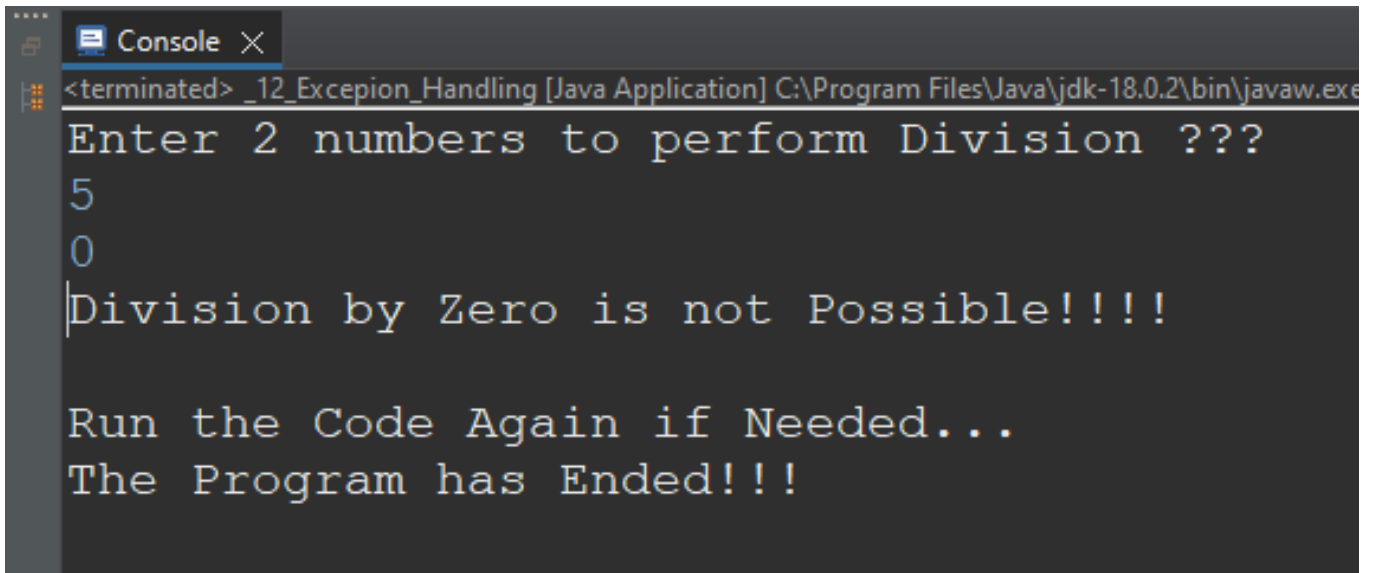
```
        }

    }

}
```

Output

```
Enter 2 numbers to perform Division ???
5
0
Division by Zero is not Possible!!!!

Run the Code Again if Needed...
The Program has Ended!!!
```