```java
package Ass_practice_project1;

import java.util.InputMismatchException;
import java.util.Scanner;

public class ExceptionHandling {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        try {
            System.out.println("Please enter first number: ");
            int num1 = scanner.nextInt();

            System.out.println("Please enter second number: ");
            int num2 = scanner.nextInt();

            System.out.println("Result of division is "+(num1/num2));
        }
        catch(ArithmeticException e) {
            System.out.println("do not enter zero in the denominator");
        }
        catch(InputMismatchException e) {
            System.out.println("only integers are allowed ");
        }
        catch(Exception e){
            System.out.println("Please enter valid input: ");
        }
    }

}
```
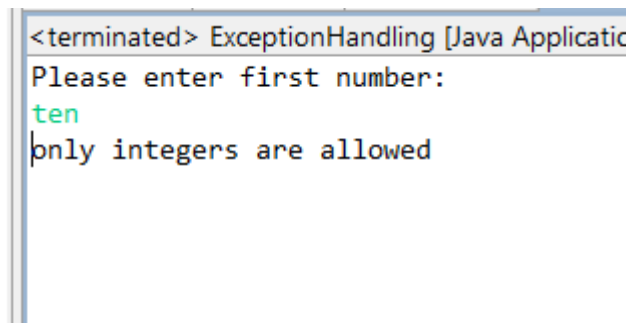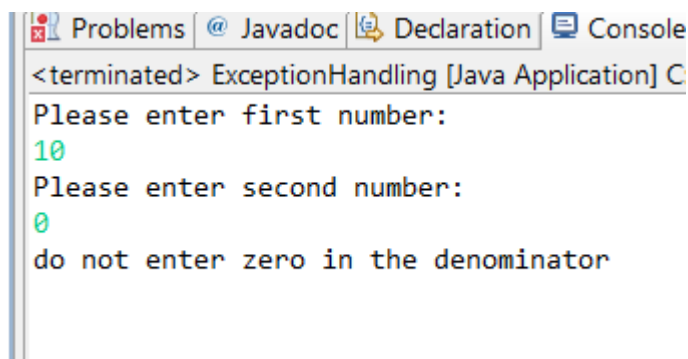
```
<terminated> ExceptionHandling [Java Applicatic
Please enter first number:
ten
only integers are allowed
```

```
Problems  @ Javadoc  Declaration  Console
<terminated> ExceptionHandling [Java Application] C
Please enter first number:
10
Please enter second number:
0
do not enter zero in the denominator
```