

```
//Throw

import java.util.Scanner;

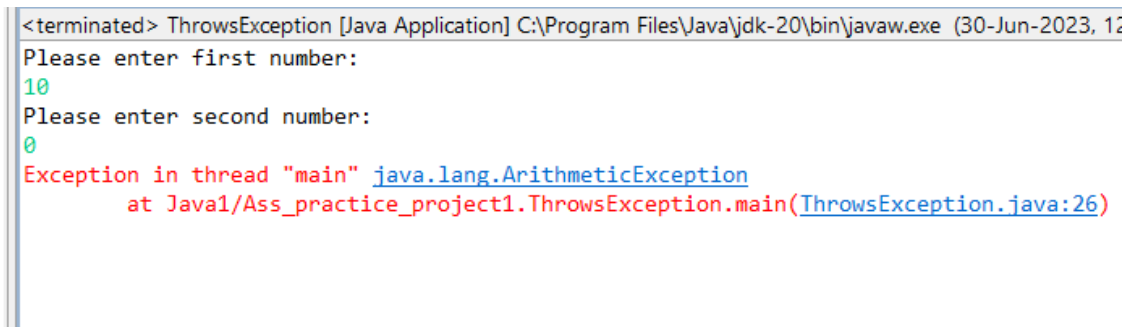
public class ThrowsException {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);
        System.out.println("Please enter first number: ");
        int num1 = scanner.nextInt();

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

        if (num2==0) {
            throw new ArithmeticException();
        }
        else {
            System.out.println("Result of division is "+(num1/num2));
        }
    }
}
```




```
<terminated> ThrowsException [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (30-Jun-2023, 12:00)
Please enter first number:
10
Please enter second number:
0
Exception in thread "main" java.lang.ArithmeticException
    at Java1/Ass_practice_project1.ThrowsException.main(ThrowsException.java:26)
```

//Throws

```
import java.io.File;
import java.io.FileNotFoundException;
import java.io.PrintWriter;

public class ThrowsException {

    public static void main(String[] args) throws FileNotFoundException {
        File file = new File("C:/Users/ASUS/Desktop/output.txt");
        PrintWriter printWriter = new PrintWriter(file);
        printWriter.print("Hello I am inside your file.");
        printWriter.close();
    }
}
```

 output.txt - Notepad

File Edit Format View Help

Hello I am inside your file.