


```
import java.util.InputMismatchException;
import java.util.Scanner;
public class ExceptionHandlingDemo {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        try {
            System.out.print("Enter numerator: ");
            int numerator = scanner.nextInt();
            System.out.print("Enter denominator: ");
            int denominator = scanner.nextInt();
            int result = numerator / denominator;
            System.out.println("Result: " + result);
        } catch (ArithmeticException e) {
            System.out.println("Error: Division by zero is not allowed.");
        } catch (InputMismatchException e) {
            System.out.println("Error: Invalid input. Please enter integers only.");
        } finally {
            System.out.println("Execution completed.");
            scanner.close();
        }
    }
}
```

Project ▾

ExceptionHandlingDemo.java ×

Run  ExceptionHandlingDemo ×



```
C:\Users\admin\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:F:\IntelliJ IDEA Community Edition 2024.3.1.1\l
```

```
Enter numerator: 5
```

```
Enter denominator: 0
```

```
Error: Division by zero is not allowed.
```

```
Execution completed.
```

```
Process finished with exit code 0
```