```
1 package ex6;
2 | mport java.util.Random;
3 | import java.util.Random;
5 | **
6 | **
7 | * @author Van Ting «vanting at gmail.com>
8 | */
9 | public class BuggyClass {
10 | private static Random rand = new Random(System.currentTimeMillis());
13 | // trouble function here
15 | public static void buggyMethod() throws Exception {
16 | if(rand.nextBoolean()) {
17 | Exception ex = new Exception("Something wrong");
18 | Exception ex = new Exception("something wrong");
19 | throw ex;
10 | else | return;
20 | }
21 | else | return;
22 | return;
23 | }
```

CircleWithException.java

2021/12/10 上午2:38

localhost:4649/?mode=clike 7 localhost:4649/?mode=clike

```
1 package ex6;
2 | mport java.util.Scanner;
4 | public class ExceptionDemo {
5 | public class ExceptionDemo {
6 | public static void main(String[] args) {
7 | Scanner scanner = new Scanner(System.in);
8 | Scanner scanner = new Scanner(System.in);
9 | System.out.print("Enter an integer: ");
11 | number = scanner.nextInt();
12 | number = scanner.nextInt();
13 | // Display the result
14 | System.out.println("The number entered is " + number);
15 | System.out.println("The number entered is " + number);
16 | 17 | }
18 | }
```

HandleExceptionDemo.java

2021/12/10 上午2:38

localhost:4649/?mode=clike 7 localhost:4649/?mode=clike

```
TestBuggyClass.java
                                                                                                      System.out.println(ex.getMessage());
} catch (Exception ex) {
                                                                                                                 System.out.println(ex.getMessage());
          public static void main(String[] args) {
       1 package ex6;
2021/12/10 上午2:38
```

CircleWithException c1 = new CircleWithException(5);
CircleWithException c2 = new CircleWithException(-5);
CircleWithException c3 = new CircleWithException(0);

public static void main(String[] args) {

} catch (IllegalArgumentException ex) {

System.out.println("Number of objects created: " +

CircleWithException.getNumberOfObjects());

16 17 18 19

TestCircleWithException.java

1 package ex6; 2021/12/10 上午2:38

localhost:4649/?mode=clike 7 localhost:4649/?mode=clike