

Test.java Run Debug Stop Share Save Beautify

```
1 import java.util.Scanner;
2 public class Test{
3     public static void main(String[] args){
4         Scanner scn = new Scanner(System.in);
5         try{
6             int n = Integer.parseInt(scn.nextLine());
7             if(99%n == 0)
8                 System.out.println(n+"is a factor of 99");
9         }
10        catch(ArithmeticException ex){
11            System.out.println("Arithmetic"+ex);
12        }
13        catch(NumberFormatException ex){
14            System.out.println("NumberFormatException"+ex);
15        }
16    }
17 }
```

input

2





...Program finished with exit code 0
Press ENTER to exit console.



Search



DELL

Main.java

```
1 class Main{
2     public static void main(String[] args){
3         try {
4             int divideByZero = 5/0;
5             System.out.println("rest of code");
6         }
7         catch(ArithmeticException e){
8             System.out.println("ArithmeticException =>" + e.getMessage());
9         }
10    }
11 }
```

input

ArithmeticException =>/ by zero

```
...Program finished with exit code 0
Press ENTER to exit console.
```



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Main.java

```
5 Write your code in this editor and press "Run" button to execute it.
6
7 *****
8 import java.util.Scanner;
9 class Main
10 {
11     public static void main(String[] args) {
12     try{
13         int n;
14         Scanner sc = new Scanner(System.in);
15         System.out.println("Enter value of n:");
16         n=sc.nextInt();
17         //code that generate Exception
18         int divideByzero =5/n;
19         System.out.println("rest of code in try block");
20     }
21     catch(ArithmeticException e) {
22         System.out.println("ArithmeticException=>" +e.getMessage());
23     }
24 }
25 }
26
```

input

10

rest of code in try block

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Test.java

```
1 import java.util.Scanner;
2 public class Test{
3     public static void main(String[] args){
4         Scanner scn = new Scanner(System.in);
5         try{
6             int n = Integer.parseInt(scn.nextLine());
7             if(99%n == 0)
8                 System.out.println(n+"is a factor of 99");
9         }
10        catch(NumberFormatException | ArithmeticException ex)
11        {
12            System.out.println("Exception encountered"+ex);
13        }
14    }
15 }
16
17
18
```

Input: 2
...Program finished with exit code 0
Press ENTER to exit console.

Us • GDB



MultiCatch.java :

```
1 class MultiCatch{
2     public static void main(String[] args){
3         String s=null;
4         int arr[] = {10,20,30};
5         try{
6             System.out.println(s.length());
7             System.out.println(arr[3]);
8         }
9         catch(ArrayIndexOutOfBoundsException e1){
10            System.out.println("Exception "+e1);
11        }
12        catch(NullPointerException e2){
13            System.out.println("Exception"+e2);
14        }
15    }
16 }
```

Exceptionjava.lang.NullPointerException

input

...Program finished with exit code 0
Press ENTER to exit console.



errorChecking.java : untitled

```
1
2 public class errorChecking {
3     public static void main(String[] args){
4         try {
5             int x = 10;
6             int y = 0;
7             int z = x/y;
8             System.out.println(z);
9         }
10        catch(Exception err){
11            System.out.println(err.getMessage());
12        }
13    }
14 }
```

/ by zero

...Program finished with exit code 0
Press ENTER to exit console.



Search

