

Java Week 5: Q5

Due on 2020-10-22, 23:59 IST

In the following program, there may be multiple exceptions. You have to complete the code using only one try-catch block to handle all the possible exceptions.

For example, if user's input is 1, then it will throw and catch "java.lang.NullPointerException".

Private Test cases used for evaluation

Test Case 1

Input

50

Expected Output

No exception

Actual Output

No exception

Status

Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-10-21, 14:54 IST

Your last recorded submission was :

```
1 import java.util.Scanner;
2 public class Question5_5{
3     public static void main (String args[ ],){
4         Scanner scan = new Scanner(System.in);
5         int i = scan.nextInt();
6         int j;
7         // Put the following code under try-catch block to handle exceptions
8         try
9         {
10             switch (i)
11             {
12                 case 0 :
13                     int zero = 0;
14                     j = 92/ zero;
15                     break;
16                 case 1 :
17                     int b[ ] = null;
18                     j = b[0] ;
19                     break;
20                 default:
21                     System.out.print("No exception");
22             }
23         }
24         catch(Exception e)
25         {
26             System.out.print(e);
27         }
28     }
29 }
```

Sample solutions (Provided by instructor)

```
1 import java.util.Scanner;
2 public class Question5_5{
3     public static void main (String args[ ],){
4         Scanner scan = new Scanner(System.in);
5         int i = scan.nextInt();
6         int j;
7         try {
8             switch (i) {
9                 case 0 :
10                     int zero = 0;
11                     j = 92/ zero;
12                     break;
13                 case 1 :
14                     int b[ ] = null;
15                     j = b[0] ;
16                     break;
17                 default:
18                     System.out.println("No exception");
19             }
20         } // catch block
21         catch (Exception e) {
22             System.out.println(e) ;
23         }
24     }
25 }
26 }
27 }
```

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

- Lecture 21 : Interface-II
- Lecture 22 : Demonstration-IX
- Lecture 23 : Exception Handling-I
- Lecture 24 : Exception Handling-II
- Lecture 25 : Exception Handling-III
- Quiz: Assignment 5
- Java Week 5:Q1
- Java Week 5: Q2
- Java Week 5: Q3
- Java Week 5: Q4
- Java Week 5: Q5
- Feedback For Week 5

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

Programming Test - (April 11 - 8PM - 10 PM)