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 NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Programming in Java (course)

Announcements (announcements)

 About the Course ([https://swayam.gov.in/nd1\\_noc20\\_cs08/preview](https://swayam.gov.in/nd1_noc20_cs08/preview)) Ask a Question (forum)

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## Java Week 5: Q5

Due on 2020-03-05, 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".

### Course outline

How does an NPTEL online course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

 ● Lecture 21 :  
Interface-II  
(unit?  
unit=6&lesson=35)

Private Test cases used for evaluation

Input	Expected Output	Actual Output	Status
5 0	No exception	No exception\n	Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-03-05, 23:01 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
9
10        try{
11            switch (i) {
12                case 0 :
13
14                    int zero = 0;
15                    j = 92/ zero;

```

Lecture 22 :  
Demonstration-  
IX (unit?  
unit=6&lesson=36)

Lecture 23 :  
Exception  
Handling-I  
(unit?  
unit=6&lesson=37)

Lecture 24 :  
Exception  
Handling-II  
(unit?  
unit=6&lesson=38)

Lecture 25 :  
Exception  
Handling-III  
(unit?  
unit=6&lesson=39)

Quiz :  
Assignment 5  
(assessment?  
name=97)

Java Week  
5:Q1  
(/noc20\_cs08/progassign?  
name=133)

Java Week 5:  
Q2  
(/noc20\_cs08/progassign?  
name=134)

Java Week 5:  
Q3  
(/noc20\_cs08/progassignment?  
name=135)

Java Week 5:  
Q4  
(/noc20\_cs08/progassignment?  
name=136)

Java Week 5:  
Q5  
(/noc20\_cs08/progassignment?  
name=137)

Feedback For  
Week 5 (unit?  
unit=6&lesson=141)

Week 6 :

Week 7 :

```

16         break;
17         case 1 :
18             int b[ ] = null;
19             j = b[0] ;
20             break;
21         default:
22             System.out.println("No exception");
23     }
24 }
25 }
26 catch(Exception e){
27     System.out.print(e);
28 }
29 }
30 }

```

Sample solutions (Provided by instructor)

Select the Language .

```

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 }

```

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**Assignment  
Solution**