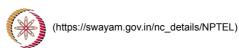
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

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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 code using only one try-catch block to handle all the possible exceptions.

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)

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

Private Test cases used for evaluation	Input Expected Output		Actual Output	Status
Test Case 1	5 0	No excep	No excepti on\n	Pass ed

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 :

```
import java.util.Scanner;
   public class Question5_5{
   public static void main (String)
                  static void main (String args[]) {
Scanner scan = new Scanner(System.in);
 4
                   int i = scan.nextInt();
   int j;
// Put the following code under try-catch block to handle exceptions
 6
10
   try{
          switch (i) {
11
12
              case 0:
13
              int zero = 0;
15
              j = 92/zero;
```

```
16
                                          break;
Lecture 22 :
                            17
                                               case 1:
   Demonstration-
                                          int b[ ] = null;
j = b[0];
                            18
                            19
20
21
22
23
   IX (unit?
                                          break;
   unit=6&lesson=36)
                                               default:
                                             System.out.println("No exception");
 Lecture 23 :
                                     }
                            24
25
26
   Exception
   Handling-I
                                     catch(Exception e){
   (unit?
                            27
                                     System.out.print(e);
                            28
   unit=6&lesson=37)
                            29
                            30
 Lecture 24 :
                          Sample solutions (Provided by instructor)
   Exception
   Handling-II
                          Select the Language . Java ▼
   (unit?
                             import java.util.Scanner;
public class Question5_5{
   public static void main (String)
   unit=6&lesson=38)
                                                                                args[ ] ) {
                             4
                                             Scanner scan = new Scanner(System.in);
 Lecture 25 :
                                         int j;
try {
switch (i) {
                             5
                                               int i = scan.nextInt();
   Exception
                             6
   Handling-III
                             8
   (unit?
                             9
   unit=6&lesson=39)
                            10
                                               int zero = 0;
                            11
                                               j = 92/ zero;
 Quiz :
                                               break;
case 1
                            12
                            13
   Assignment 5
                                               int b[ ] =
j = b[0];
break;
                                                          = null;
                            14
   (assessment?
                            15
   name=97)
                            16
                            17
                                                   default:
 Java Week
                            18
                                                   System.out.println("No exception");
                            19
   5:Q1
                            20
                                            }
   (/noc20 cs08/progassic
                                               // catch block
                                         catch (Exception e) {
   System.out.println(e);
   name=133)
                            22
                            23
                                          }
                            24
 Java Week 5:
                            25
   Q2
                            26
   (/noc20 cs08/progassic
   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:
```

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Assignment Solution