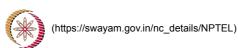
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

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Java Week 5: Q4

Due on 2020-03-05, 23:59 IST

In the following program, an array of integer data to be initialized. During the simulation, if a user enters a value other than integer value, then it will throw InputMismatchException exception. On the occurrence of such an exception, your program should print "You entered bad data." If there is no such exception it will print the total sum of the array.

Course outline

How does an NPTEL online course work?

Week 0:

Week 1:

Week 2:

Week 3 :

Week 5 :

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

Private Test cases used Input Expected Output Actual Output Status for evaluation

Test Case 1

You entered bad data.

You entered bad data.

Pas bad data.

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 :

```
//Prefixed Fixed Code:
   import java.util.*;
public class Question5_4{
 3
     public static void main(String[] args) {
          Scanner sc = new Scanner(System.in);
          int length = sc.nextInt();
 6
          // create an array to save user input
 8
          int[] name = new int[length];
          int sum=0;//save the total sum of the array.
10
   //Define try-catch block to save user input in the array "name",if there is
11
   try{
12
```

```
13
                                 for(int i = 0 ; i < name.length ; i++)</pre>
 Lecture 22 :
                           14
   Demonstration-
                           15
                                     name[i] = sc.nextInt();
                           16
   IX (unit?
                                     sum += name[i];
                           17
   unit=6&lesson=36)
                           18
                                 System.out.print(sum);
                           19
 Lecture 23:
                           20
                               catch(InputMismatchException e){
                           21
   Exception
                           22
23
                                 System.out.print("You entered bad data.");
   Handling-I
   (unit?
                           24
                           <u>2</u>5
   unit=6&lesson=37)
                           26
 Lecture 24 :
   Exception
                         Sample solutions (Provided by instructor)
   Handling-II
                         Select the Language . Java ▼
   (unit?
                               //Prefixed Fixed Code:
   unit=6&lesson=38)
                               import java.util.*;
public class Question5_4{
                            2
                            3
 Lecture 25 :
                                 public static void main(String[] args) {
   Exception
                                      Scanner sc = new Scanner(System.in);
int length = sc.nextInt();
                            6
   Handling-III
                                      // create an array to save user input
int[] name = new int[length];
int sum=0;//save the total sum of the array.
   (unit?
                            8
   unit=6&lesson=39)
                            9
                                  try{
                           10
                                        for(int i=0;i<length;i++){</pre>
 Quiz :
                           11
                           12
13
                                            int userInput=sc.nextInt();
   Assignment 5
                                           name[i] = userInput;
   (assessment?
                           14
                                           sum=sum+name[i];
                           15
   name=97)
                                         System.out.println(sum);
                           16
                           17
 Java Week
                           18
                                        catch(InputMismatchException e) {
   5:Q1
                           19
                                         System.out.println("You enteréd bad data.");
   (/noc20 cs08/progassic
                           20
                           21
   name=133)
                           22
                               }
                           23
 Java Week 5:
   (/noc20 cs08/progassignment?
   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