

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)

Java Week 5: Q4

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

In the following program, an array of integer data to be initialized. During the initialization, 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.

Private Test cases used for evaluation

Test Case 1

Input

2
1 1.0

Expected Output

You entered bad data.

Actual Output

You entered bad data.

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, 14:50 IST

Your last recorded submission was :

```
1 //Prefixed Fixed Code:
2 import java.util.*;
3 public class Question5_4{
4     public static void main(String[] args){
5         Scanner sc = new Scanner(System.in);
6         int length = sc.nextInt();
7         // create an array to save user input
8         int[] name = new int[length];
9         int sum=0;//save the total sum of the array.
10        //Define try-catch block to save user input in the array "name",
11        //if there is an exception then catch the exception otherwise print the total sum of the array.
12        try
13        {
14
15            for(int i = 0 ; i < name.length ; i++)
16            {
17                name[i] = sc.nextInt();
18                sum += name[i];
19            }
20            System.out.print(sum);
21        }
22        catch(InputMismatchException e)
23        {
24            System.out.print("You entered bad data.");
25        }
26    }
27 }
28
29 }
```

Sample solutions (Provided by instructor)

```
1 //Prefixed Fixed Code:
2 import java.util.*;
3 public class Question5_4{
4     public static void main(String[] args){
5         Scanner sc = new Scanner(System.in);
6         int length = sc.nextInt();
7         // create an array to save user input
8         int[] name = new int[length];
9         int sum=0;//save the total sum of the array.
10        try{
11            for(int i=0;i<length;i++){
12                int userInput=sc.nextInt();
13                name[i] = userInput;
14                sum=sum+name[i];
15            }
16            System.out.println(sum);
17        }
18        catch(InputMismatchException e) {
19            System.out.println("You entered bad data.");
20        }
21    }
22 }
23 }
```