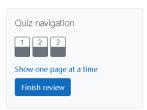
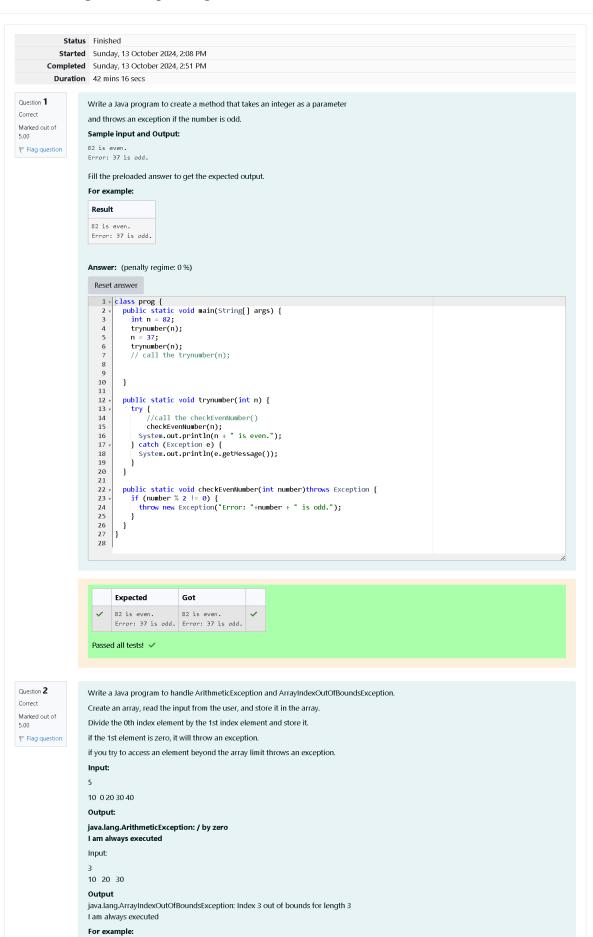
CS23333-Object Oriented Programming Using Java-2023





```
Test Input
                               java.lang.ArithmeticException: / by zero
         1 0 4 1 2 8 I am always executed
Answer: (penalty regime: 0 %)
 1 - import java.util.*;
             class prog{
                   ss prog{
public static void main(String[] args){
    Scanner scn = new Scanner(System.in);
    int size = scn.nextInt();
    int[] arr = new int[size];
    for(int i =0 ;i<size;i++){
        arr[i] = scn.nextInt();
    }
}</pre>
    10
                           try{
  int result = arr[0] / arr[1];
    11
    12
    13
    14
                                   System.out.println(arr[3]);
                                  System.out.printin(arr[3]);
}catch(ArithmeticException e){
    System.out.println("java.lang.ArithmeticException: "+ e.getMessage());
}catch(ArrayIndexOutOfBoundsException e){
    System.out.println("java.lang.ArrayIndexOutOfBoundsException: "+e.getMessage());
}
    15
    16
    17
    18
    19
                                   finally{
    20
                                         System.out.println("I am always executed");
    22
    23
    24
25 }
                   }
```

	Test	Input	Expected	Got
~	1		java.lang.ArithmeticException: / by zero I am always executed	java.lang.ArithmeticException I am always executed
~	2	3 10 20 30	java.lang.ArrayIndexOutOfBoundsException: Index 3 out of bounds for length 3 $\rm I$ am always executed	java.lang.ArrayIndexOutOfBoun I am always executed
4				+

Question 3 Correct Marked out of

▼ Flag question

/* Define try-catch block to save user input in the array "name"

Result

If there is an exception then catch the exception otherwise print the total sum of the array. */

On the occurrence of such an exception, your program should print "You entered bad data."

During the initialization, if a user enters a value other than an integer, it will throw an InputMismatchException exception.

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

If there is no such exception it will print the total sum of the array.

Sample Input:

3 521

Sample Output:

8

Sample Input:

2

Sample Output:

You entered bad data.

For example:

Input	Result			
3 5 2 1	8			
2 1 g	You entered bad data.			

Answer: (penalty regime: 0 %)

```
Reset answer
```

```
1 v import java.util.Scanner;
       import java.util.InputMismatchException;
class prog {
         public static void main(String[] args) {
   Scanner sc = new Scanner(System.in);
           /* Define try-catch block to save user input in the array "name"
If there is an exception then catch the exception otherwise print
the total sum of the array. */
try
10
11
                        int length = sc.nextInt();
int[] name = new int[length];
13
14
                        int sum =0;
for (int i=0;i<length;i++){</pre>
15
16
17
                              name[i] = sc.nextInt();
sum += name[i];
18
                        }
Sustam out println(sum).
19
20
```

	Input	Expected	Got	
~	3 5 2 1	8	8	~
~	2 1 g	You entered bad data.	You entered bad data.	~

Passed all tests! 🗸

Finish review