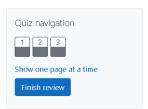
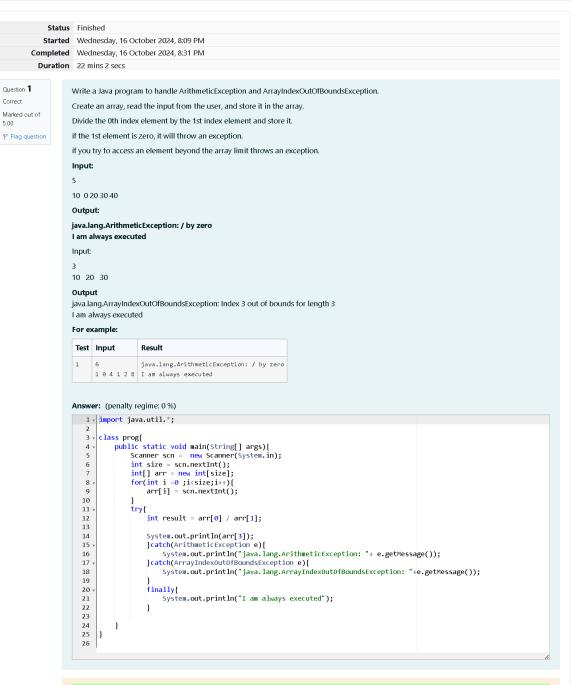
CS23333-Object Oriented Programming Using Java-2023





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

Question 2
Correct
Marked out of 5.00

Flag question

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

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

/* 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. */

Sample Input:

521

```
8
Sample Input:
2
1 g
Sample Output:
You entered bad data.
For example:
 Input Result
              You entered bad data.
1 g
Answer: (penalty regime: 0 %)
  Reset answer
 import java.util.Scanner;
import java.util.InputMismatchException;

class prog {
  public static void main(string[] args) {
    Scanner sc = new Scanner(System.in);
    int length = sc.nextInt();
    // create an array to save user input
    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 an exception then catch the exception otherwise print the total sum of the array. */
try
{
     11
    12
13
    14
    15
                                for (int i=0;i<length;i++){
   name[i] = sc.nextInt();
   sum += name[i];</pre>
    16
    18
    19
    20
21
                                System.out.println(sum);
    22
23
                        catch(InputMismatchException e )
    24
25
                              System.out.println("You entered bad data.");
    26
27
                            sc.close();
    29
     30
     31
     32
```

```
Input Expected Got

3 8 8 
5 2 1

You entered bad data. You entered bad data. You entered bad data.

Passed all tests! ✓
```

Question **3**Correct
Marked out of 5.00

Flag question

Write a Java program to create a method that takes an integer as a parameter and throws an exception if the number is odd.

Sample input and Output:

Error: 37 is odd.

Sample Output:

Fill the preloaded answer to get the expected output.

For example:

```
Result

82 is even.
Error: 37 is odd.
```

Answer: (penalty regime: 0 %)

```
Reset answer
```

| | Expected | Got | | | |
|-------------------|----------------------------------|----------------------------------|---|--|--|
| ~ | 82 is even. Error: 37 is odd. | 82 is even. Error: 37 is odd. | ~ | | |
| Passed all tests! | | | | | |

Finish review