

NPTEL » Programming in Java

How does an NPTEL online

Week 0 : Assignment 0

Course outline

course work?

Week 1:

Week 2:

Week 3:

Week 4:

Announcements About the Course

Ask a Question

Actual Output

5\*5 = 25

5/5 = 1

**Progress** 

Mentor

Status

Passed

Passed

## Java Week 9 : Q1

Due on 2020-11-19, 23:59 IST

**Expected Output** 

5\*5 = 25

5/5 = 1

Complete the code to develop a BASIC CALCULATOR that can perform operations like Addition, Subtraction, Multiplication and Division.

## Note the following points carefully:

- 1. Use only double datatype to store calculated numeric values.
- 2. Assume input to be of integer datatype.
- 3. The output should be rounded using Math.round() method.
- 4. Take care of the spaces during formatting output (e.g., single space each before and after =).

5. The calculator should be able to perform required operations on a minimum of two operands as shown in the below example:

Input

5\*5

5/5

Input:

5+6

Output:

5+6 = 11

Private Test cases used for evaluation

Test Case 1

Test Case 2

The due date for submitting this assignment has passed.

2 out of 2 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-11-10, 22:43 IST

Your last recorded submission was :

```
import java.util.Scanner;
public class question91
public static void main(String args[]){
    Scanner sc = new Scanner(System.in);
    // Declare and initialize the required variable(s)

// Declare and initialize the required variable(s)

// Split the input string into character array

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// Interest your method to separate two operands

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```

import java.util.Scanner;
public class Question91{
 public static void main(String args[]){
 Scanner sc = new Scanner(System.in);
 String input = sc.nextline(); // Read as string, e.g., 5+6

 // Declare and initialize the required variable(s)
 int i=0;
 int i=0;
 double output=0;
 // Split the input string into character array
 char seq[] = input.toCharArray();
 //

 Use some method to separate the two operands
 and then perform the required operation.

 \*/
 if (seq[a]=='+){
 i = Integer.parseInt(input.substring(0,a));
 j = Integer.parseInt(input.substring(a+1,seq.length));
 output = (double)i+j;
 }else if(seq[a]=='-){
 i = Integer.parseInt(input.substring(a+1,seq.length));
 output = (double)i-j;
 }else if(seq[a]=='-)'{
 i = Integer.parseInt(input.substring(a+1,seq.length));
 output = (double)i-j;
 }else if(seq[a]=='-)'{
 i = Integer.parseInt(input.substring(a+1,seq.length));
 output = (double)i-j;
 }else if(seq[a]=='-)'{
 i = Integer.parseInt(input.substring(0,a));
 i = Integer.parseInt(input.subst

## Week 5:

Week 6:

Week 7 : Week 8 :

## Week 9:

- Lecture 41 : Demonstration-XV
- Lecture 42 : AWT Programming--III
- Lecture 43 : Swing—I
- Lecture 44 : Swing—II
- Lecture 45 : Demonstration-XVI
- Quiz: Assignment 9
- Java Week 9: Q1
- Java Week 9 : Q2
- Java Week 9 : Q3
- Java Week 9 : Q4
- Java Week 9 : Q5
- Feedback F●r Week 9
- Week 10:

Week 11 :

Week 12 :

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Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

Programming Test - (April 11 - 8PM - 10 PM)