

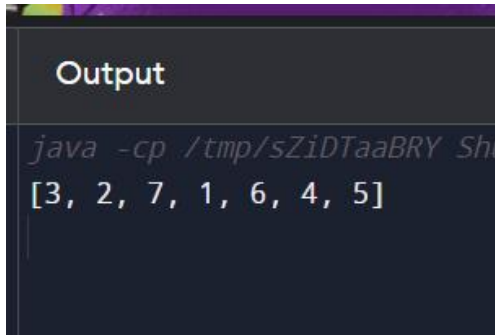
# Coding Assignment

V. Chathurika

## JAVA

1. Create an array with the values (1, 2, 3, 4, 5, 6, 7) and shuffle it.

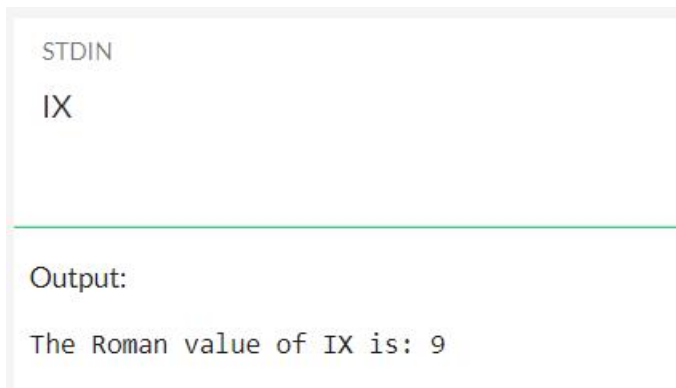
**OUTOUT:**



```
Output
java -cp /tmp/sZiDTaaBRY Shu
[3, 2, 7, 1, 6, 4, 5]
```

2. Enter Roman Number as input and convert it to integer. (ex IX = 9)

**OUTOUT:**

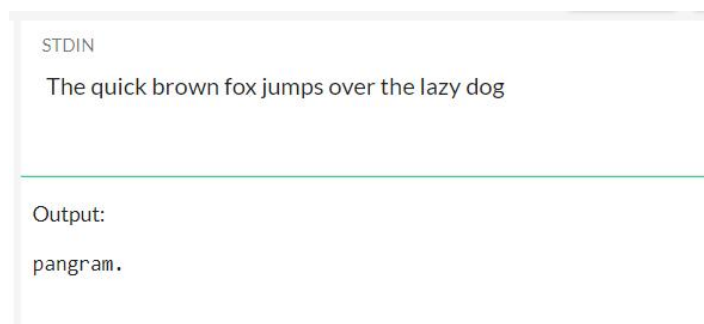


```
STDIN
IX

Output:
The Roman value of IX is: 9
```

3. Check if the input is panagram or not. (Panagram is a sentence that contains all the alphabets from a-z)

**OUTOUT:**



```
STDIN
The quick brown fox jumps over the lazy dog

Output:
pangram.
```

## JavaScript

1. Take a sentence as an input and reverse every word in that sentence.  
Example - This is a sunny day > shiT si a ynnus yad.

### OUTOUT:

```
Output
node /tmp/3i6kvgcxGr.js
Enter a sentence:This is sunny day
Reversed Sentence: sihT si ynnus yad
```

2. Perform sorting of an array in descending order.

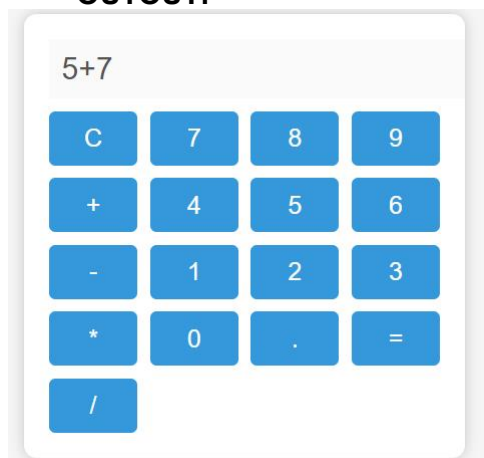
### OUTOUT:

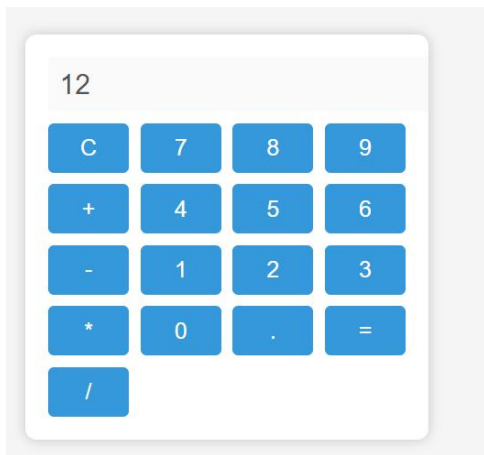
```
Output
node /tmp/Z7DFFNly1b.js
Enter a list of numbers separated by spaces: 20, 3, 10, 99, 2
Sorted Array (Descending Order): [ 2 ]
```

## HTML

1. Create a basic calculator using HTML, CSS, and Javascript with the functionality of add, subtract, multiply and divide. Use the following picture for reference.

### OUTOUT:





2. Create a survey form with Fields like First Name, Last Name, Date of Birth, Country (dropdown), Gender (checkbox), Profession, email, and mobile number. All the input fields are necessary to submit the form. Create two buttons Submit and Reset. Reset will reset the form while on clicking on submit, first it will check all the fields and necessary validations and then a popup will appear displaying all the selected values with label in

front of it. On closing the popup, form should reset all the values. Use the following for reference

**OUTOUT:**

This page says

Selected Values:

first-name: chathurika  
last-name: vubbapally  
dob: 2003-09-20  
country: usa  
gender: female  
profession: student  
email: chathurikavubbapally@gmail.com  
mobile: 8328539589

First Name

chathurika

Last Name

vubbapally

Date of Birth

20 - 09 - 2003

Country:

USA

Gender:

☐ Male ☒ Female ☐ Other

Profession:

student

Email:

chathurikavubbapally@gmail.com

Mobile Number:

8328539589

Submit

Reset