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Instructions:

1. This assignment is supposed to be done in 24 Hrs after you receive it.

2. Ask leaders for help if needed.

3. While submitting this assignment attach screenshot of terminal &

description/explanation of the code's/program's behaviour

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Question 1. Write a program to take 2 numbers n1 and n2 as input from user. Using switch case and function do the following operations :

1. **Addition**
2. **Subtraction**
3. **Division**
4. **Multiplication**

Question 2. Write a program in java to take a number as input from user and display all it's divisors.

Input:

50

Ouput:

1 2 5 10 25

Question 3. Write a program in java to take single character as input and check whether the entered character as vowel or consonant.

Input:

a

Output:

 a is Vowel.

Input :

V

Output :

V is a consonant

Question 4. Write a program to take input of 2 numbers using BufferedReader class as range1 and range2 and print square and cube of all the numbers between that range.

Input:

 Enter range1 : 1

 Enter range2 : 5

Output:

 Square : 1 4 9 16 25

Cube : 1 8 27 64 125

Question 5. Write a program to take input of a number and check whether the number is divisible by both 5 and 10.

Input:

50

Output:

50 is divisible by both 5 and 10