

Basics Assignment

1. **Make a folder for assignments using the command - mkdir Assignment**
2. **Make another folder for assignment 0 - mkdir 0Basics**
3. **Take all the values from the user**
4. **Send pdf of answers on 9307922405 on WhatsApp(With code & output photo)**

Follow the above steps strictly

Topic : Datatype , Operators , If else

Program 1:

Write a program to print the value and size of the below variables. Take all the values from the user

```
num=10
chr = 'S'
rs = 55.20
crMoney = 542154313480.544543
```

Program 2: WAP print the value of the below expressions.

```
x = 9 ;
ans = ++x + x++ + ++x
Print ans value and print x
```

```
ans1= ++x + ++x + ++x + ++x
Print ans1 value and print x
```

```
ans2 = x++ + x++ + ++x + x++ + ++x
Print ans2 value and print x
```

```
ans3 = x++ + x++ + x++ + x++
Print ans3 value and print x
```

Calculate with a proper diagram and write an explanation in your notebook

Program 3: WAP to find max among 2 numbers. Take all the values from the user

Input : 2 4

Output: 4

Program 4: WAP to find min among 2 numbers. Take all the values from the user

Input : 2 3

Output: 2

Program 5: WAP to take numerical input from the user and find whether the number is divisible by 5 and 11. Take all the values from the user

Input: 55

Output: 55 is divisible by 5 & 11

Input: 15

Output: 15 is not divisible by 5 & 11

Program 6:

Write a program to check if a number is even or odd. Take all the values from the user

Input: var=10;

Output: 10 is an even no

Input: var=37;

Output: 37 is an odd no

Program 7:

Write a program, take a number and print whether it is less than 10 or greater

than 10. Take all the values from the user

Input: var=5

Output: 5 Is Less than 10.

Input: var=16

Output: 16 Is greater than 10.

Program 8: Write a program, take a character and print whether it is in UPPERCASE or lowercase. Take all the values from the user

Input: var = A

Output: You entered the UPPERCASE character.

Program 9: Write a program, take a number and print whether it is positive or negative. Take all the values from the user

Input: var=5

Output: 5 is a positive number

Input: var=-9

Output: -9 is a negative number

Program 10: Write a program to check if a character is a vowel or consonant. Take all the values from the user

Input: var= "A";

Output: A is a vowel.

Input: var= "D";

Output: D is a consonant.