

## Assignment No 0

Q 1. Write a program that take two number (hardcoded) .Make the addition of that variable and store it in ans variable and print

Example:

```
x = 10
y = 20
output: ans = 20
```

Q 2. Write a program that take two number (hardcoded) .Do the subtraction of that values and store it in ans variable and print

Example:

```
x = 10
y = 20
output: ans = -10
```

Q 3. Write a program that take two number (hardcoded) . Do the multiplication and division of that variable and print it

Example:

```
x = 8
y = 4
output:      div = 2
          mult = 32
```

Q4. Write a program that evalutes the following expression and explain the working in comments. Assign any random value to the 'a' and 'b'

Expression: ans = ++a + ++b

Q5. Write a program that evalutes the following expression and explain the working in comments. Assign any random value to the 'a' and 'b'

Expression: ans = a++ + b++

Q6. Write a program that evalutes the following expression and explain the working in comments. Assign any random value to the 'a' and 'b' and print the ans.

Expression: ans = ++a + ++a / ++b \* a++ - b++

Q 7. Take two numbers from user and do the following operations on it and print the ans.

`ans = a && b`

`ans = a || b`

`ans = !a`

(explain the result and why ? In comments)

Q 8. Take two numbers(hardcoded) and do the following operations on it and print the ans.

`ans = a & b`

`ans = a | b`

`ans = ~a`

`ans = a ^ b`

(explain the result and why ? In comments)

Q 9. Take values (hardcoded) and do the following operations

`a << 3;`

`a >> 3`