

### Assignment - 3

- 1) Take two inputs from user and check whether they are equal or not

→

```
a = input("Enter the first number:")  
b = input("Enter the second number:")
```

```
if a == b
```

```
    print("Both numbers are equal")
```

```
else
```

```
    print("Numbers are not equal")
```

- 2) Take 3 inputs from user and check:  
all are equal  
any two are equal  
(use and or)

→

```
a = input("Enter the first number:")
```

```
b = input("Enter the second number:")
```

```
c = input("Enter the third number:")
```

```
if a == b == c
```

```
    print("All are equal")
```

```
else
```

```
    print("Any two are equal")
```



3) Take two number and check whether the sum is greater than 5, less than 5 or equal to 5.

```
a = input("Enter first number")
b = input("Enter second number")
sum = a + b
if (sum > 5)
    print("sum is greater than 5")
else if (sum < 5)
    print("sum is less than 5")
else
    print("sum is equal to 5")
```

4) Suppose passing marks of a subject is 35. Take input of marks from user and check whether it is greater than passing marks or not.

```
PM = 35
```

```
a = input("Enter Marks")
if Marks > PM;
    print("Marks greater than passing marks")
else
    print("Marks not greater than passing marks")
```

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Write a python function to find the Max of three numbers.

```
num1 = float(input("Enter first number"))  
num2 = float(input("Enter second number"))  
num3 = float(input("Enter third number"))  
if (num1 > num2) and (num1 > num3)  
    largest = num1  
else if (num2 > num1) and (num2 > num3)  
    largest = num2  
else  
    largest = num3  
print("The largest number is", largest)
```