

Module - 2

Python Assignment Questions

1. Take two numbers from user and check whether they are equal or not.

Code: `a = input("enter a first number: ")`

`b = input("enter a second number: ")`

`- if a == b`

`print("both are equal")`

`else :`

`print("not equal")`

2. Take 3 inputs from user and check:

all are equal

any of two are equal (use and or)

code: `print("first number")`

`first = input()`

`print("second code")`

`second = input()`

`print("third code")`

`third = input()`

`all = first == second and second == third and third == first`

`print("All are equal:", all)`

`any = first == second or second == third or third == first`

`print("Any of two are equal:", any)`

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

Code: $a = 2$
 $b = 3$

$Sum = a + b$

$print("Sum is greater than 5:", Sum > 5)$

$print("Sum is equal to 5:", Sum == 5)$

$print("Sum is less than 5:", Sum < 5)$

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.

Code: $p = 35$

$n = int(input('Enter a number'))$

$if\ n > 35:$

$print("Marks is greater than passing marks")$

$else:$

$print('Invalid')$

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

Code: $num1 = 10$

$num2 = 14$

$num3 = 12$

$if\ (num1 \geq num2)\ and\ (num1 \geq num3):$

$largest = num1$

$elif\ (num2 \geq num1)\ and\ (num2 \geq num3):$

$largest = num2$

$else:$

$largest = num3$

$print("The largest number is", largest)$