**Assignment NO:- 1.1**

**Assignment:- Develop programs to understand the control structures of python**

**(conditional statements)**

* if Statement :-

a = int(input("Enter 1st Number: "))

b = int(input("Enter 2nd Number: "))

if a > b:

print(a, "is greater than ", b)

* if…else Statement :-

a=int(input("Enter 1st number: "))

b=int(input("Enter 2nd number: "))

if a > b:

print(a,"is greater than ", b)

else:

print(a," is Not greater than ",b)

* elif :-

a = int(input("Enter 1st Number: "))  
 b = int(input("Enter 2nd Number: "))

if a>b:  
 print(a, "is greater than ", b)  
 elif a<b:  
 print(a, "is less than ",b)  
 else:  
 print("both are equal")

* elif Nested:-

num = int(input("Enter Number:"))

if num >= 0:

if num == 0:

print("Zero")

else:

print("Positive number")

else:

print("Negative number")

* elif Ladder:-

a =int(input("Enter first number:"))

b =int(input("Enter second number:"))

if b > a:

print("b is greater than a")

elif a ==b:

print("a and b are equal")

else:

print("a is greater than b")