test = "sample {}".format("program")

print(test)

test1="sample"+"program"

print(test1)

test2="{} program".format(1)

print (test2)

test3=str(1)+"program"

print(test3)

name= "my name is {} and im an {}".format("miraz","engineer")

print(name)

faculty\_batch="I am from {faculty} and {batch}".format(batch="2016",faculty="electronics and communication")

print(faculty\_batch)

num=10

print(num)

num1=10.5

print(num1)

num2=10/3

print(num2)

num4=10.0+2

print(num4)

print(10/3)

print(2\*\*3)

#conditional statements

x=10

if x<10:

print("The number is less than 10")

else:

print("The number is greater than 10")

y=11

if y%2==0:

print("the number is even")

else:

print("the number is odd")

z=-0

if z==0:

print("the number is equal to zero")

elif z<0:

print("the number is less than zero")

else :

print("the number is greater than zero")

z=int(input("enter any number"))

if z==0:

print("the number is equal to zero")

elif z<0:

print("the number is negative")

else :

print("the number is positive")

x=1;

while x<=10:

print(x)

x+=1

for i in range(1,11,1):

print(i)

x=int(input("enter any number"))

for i in range(1,x,2):

print(i)

print(range(10))

print(range(0,10))

print(range(0,10,1))

list

numbers=[1,2,3,4,5,"ncit"]

print(numbers[5])

print(numbers[-6])

items=[1,2,3,["hello",[1,2,3,"world"]],"ncit"]

print(items[3][1][3])

items=[5,6,[1,2,[1,2],[1,"hello",["world"]],"ncit"]]

print(items[2][4])

print(items[2][3][2][0])

print(items[2][3][1])

numbers=[1,2,3,4,5,6]

for i in numbers:

print(i)