1. Program to print multiplication table by taking the number, start, stop and step from user as a input. .

num=int(input("Enter the number to which multiplication table is to be printed"))

a=int(input("enter the start value"))

b=int(input("enter the stop value"))

c=int(input("enter the step value"))

for i in range(a,b,c):

{

print(num, "X", i,"=",num\*i)

}

2. Program program that accepts start and stop as input from users and print if numbers from start to stop are:

a. positive or zero or negative.

b. if positive then it should also print even or odd number

Finally print the sum of all the numbers between start and stop

a=int(input("enter the start value"))

b=int(input("enter the stop value"))

for i in range(a,b):

if(i==0):

print (i,"is zero")

elif(i<0):

print(i,"is negative")

else:

if(i%2==0):

print(i,"is positive and even")

else:

print(i,"is positive and odd")

3. Program that accepts start, stop, step and limit as input from the user and print cube of each number starting from start and ending at limit but not at stop.

Ex: if the user gives start=1, end=10, step=1 and limit=5, your program should print cubes of numbers only from 1 to 5 and any number that is greater than 5(limit) should not be included.

a=int(input("enter the start value"))

b=int(input("enter the stop value"))

c=int(input("enter the step value"))

d=int(input("enter the limit value"))

for i in range(a,d,c):

print(i\*\*3)