Write a python program to take print the factorial for the number 10

x=10

fact=1

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

    fact \*=i

print(fact)

Write a python program to print this shape

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for i in range(1,6):

    for k in range(i):

        print('\*', end=' ')

    print('\n')

**Write a python program to find the factors of a number using a function, which computes the factor of the argument passed and prints the result in a proper message.**

def fun(num):

    print('the factors of', num,'are:')

    for i in range(1, num+1):

        if num % i==0:

            print(i)

x=eval(input('enter the number\n'))

fun(x)

Bonus :

Write a python program to print the 10th number in Fibonacci sequence

x=int(input('enter x\n'))

n1=0

n2=1

if x==1:

    print(n1)

else:

    print(n1, n2, end=' ')

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

    n3=n1+n2

    print(n3, end=' ')

    n1=n2

    n2=n3