1. Write a Python Program to Find the Factorial of a Number?

* def fact(n):
* if n>1:
* x=n\*fact(n-1)
* else:
* x=1
* return x

1. Write a Python Program to Display the multiplication Table?

def multitable(n):

for i in range(11):

print(f'{n}x{i}={n\*i}')

1. Write a Python Program to Print the Fibonacci sequence?

def fibo(n):

a=0

b=1

c=1

for i in range(n):

print(a)

c=a+b

a=b

b=c

fibo(11)

1. Write a Python Program to Check Armstrong Number?

def armstng(n):

a=n

sum1=0

p=len(str(n))

for i in range(p):

sum1+=pow(n%10,p)

n=n//10

if a==sum1:

print(f'{a} is an armstrong nummber')

else:

print(f'{a} is not an armstrong nummber')

1. Write a Python Program to Find Armstrong Number in an Interval?

def findarmstng(upperlimit,lowerlimit):

for n in range(upperlimit,lowerlimit):

a=n

sum1=0

p=len(str(n))

for i in range(p):

sum1+=pow(n%10,p)

n=n//10

if a==sum1:

print(f'{a} is an armstrong nummber')

1. Write a Python Program to Find the Sum of Natural Numbers?

def sumn(n):

sum=0

for i in range(1,n):

sum+=i

return sum