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

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

f=1

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

f=f\*i

print("Factorial of a Number : ",f)

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

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

p=int(input("Enter a number upto where you want to print table: "))

f=1

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

print("{} x {} = {}".format(n,i,(i\*n)))

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

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

print("Fibonacci sequence : 0 , ",end="")

t=1

t2=0

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

c=t2

print(t+t2,", ",end="")

t2=t+t2

t=c

1. Write a Python Program to Check Armstrong Number?

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

t=n

s=0

while t>0:

s+=(t%10)\*\*3

t=int(t/10)

if s==n:

print("Armstrong Number")

else:

print("not a Armstrong Number")

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

print ("Enter range : ")

n=int(input("lower limit : "))

m=int(input("upper limit : "))

l=[]

for i in range(n,m+1):

t=i

s=0

while t>0:

s+=(t%10)\*\*3

t=int(t/10)

if s==i:

l.append(i)

print(l)

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

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

print("sum = ",(n\*(n+1)/2))