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

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

factorial = 1

#n(n-1)(n-2)....(n-n)

if n > 0:

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

factorial = factorial\*i

print(factorial)

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

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

x=1

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

x= n\*i

print(x)

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

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

n1=0

n2=1

count=0

while n>count:

print(n1)

nth = n1+n2

n1=n2

n2=nth

count +=1

1. Write a Python Program to Check Armstrong Number?

num =int(input("enter a Armstrong number: "))

sum=0

temp=num

while temp>0:

digit= temp%10

sum = sum+digit\*\*3

temp //=10

if num==sum:

print("this is Armstrong Number", num)

else:

print("this is not a Armstrong number", num)

1. Write a Python Program to Find Armstrong Number in an Interval?
2. Write a Python Program to Find the Sum of Natural Numbers?

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

x=0

for i in range(0,num+1):

x = x+i

print(x)