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

Ans-

i = int(input("enter number"))

fac = 1

while i > 0:

fac = fac \* i

i = i-1

print ("factorial=" , fac)

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

Ans - n = int(input ("enter number"))

for i in range (1,11):

print(n\*i)

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

Ans - n = int(input ("enter number"))

X = 0

Y = 1

Z = 0

While (Z<=n):

1. Print (Z)
2. X = Y
3. Y = X
4. Z = X+Y
5. Write a Python Program to Check Armstrong Number?

Ans - i = int(input("enter number"))

original = i

sum = 0

while (i>0):

i = i//10

if original == sum:

print("NUMBER IS AMSTRONG")

else :

print("number is not armstrong")

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

Ans= i = int(input("enter number"))

original = i

sum = 0

while (i>0):

i = i//10

if original == sum:

print("NUMBER IS AMSTRONG")

else :

print("number is not armstrong")

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

Ans - n = int(input("enter number"))

i = 1

sum = 0

while (i<=n):

sum = sum+i

i = i+1

print("sum = " , sum)