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

**a = int(input('Enter value: '))**

**b=1**

**for i in range(1,a+1):**

**b=i\*b**

**print(b)**

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

**a = int(input('Enter value: '))**

**for i in range(1,11):**

**print(a,'x',i,'=',a\*i)**

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

**a=int(input("Enter the terms"))**

**b=0**

**c=1**

**for i in range(a):**

**d=b+c**

**print(d)**

**b=c**

**c=d**

1. Write a Python Program to Check Armstrong Number?

**a = int(input('Enter value: '))**

**temp = a**

**total = 0**

**while temp!=0:**

**x = temp%10**

**total = total + (x\*\*int(len(str(a))))**

**temp = temp//10**

**if total == a:**

**print('Armstrong number')**

**else:**

**print('Not an Armstrong number')**

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

**start = int(input('Enter start value: '))**

**end = int(input('Enter end value: '))**

**for i in range(start,end):**

**temp = i**

**total = 0**

**while temp!=0:**

**x = temp%10**

**total = total + (x\*\*int(len(str(i))))**

**temp = temp//10**

**if total == i:**

**print(i)**

**else:**

**continue**

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

**a = int(input('Enter value: '))**

**if a>0:**

**b = 0**

**for i in range(1,a+1):**

**b = b + i**

**print(b)**

**else:**

**print('Not a natural number')**