1. Write a Python Program to Find the Factorial of a Number?  
   no=int(input("Enter the value"))

fact=1

if(no<0):print("their is not any factorial for this no")

elif(no==0): print("Factorial for 0 is 1")

else:

for i in range(1, no+1):

fact=fact\*i  
print("Factorial is:",fact)

1. Write a Python Program to Display the multiplication Table?  
   n=int(input(“Enter the value”))  
   for i in range(1,n-1):  
    print(n,’x’,i,’=’,n\*i)
2. Write a Python Program to Print the Fibonacci sequence?  
   no=int(input("ENter the value"))

n1,n2,c=0,1,0

if(no<=0):

print("No is less than 0")

elif(no==1):print('Fibonacci sequence for this no is ',n1)

else:

while c<no:

print(n1)

n3=n1+n2

n1=n2

n2=n3

c+=1

1. Write a Python Program to Check Armstrong Number?  
   num = int(input("Enter a number: "))

sum = 0

temp = num

while temp > 0:

digit = temp % 10

sum += digit \*\* 3

temp //= 10

if num == sum:

print(num,"is an Armstrong number")

else:

print(num,"is not an Armstrong number")

1. Write a Python Program to Find Armstrong Number in an Interval?  
   l = 10

u = 200

for num in range(l, u+1):

order = len(str(num))

sum = 0

temp = num

while temp > 0:

digit = temp % 10

sum += digit \*\* order

temp //= 10

if num == sum:

print(num)

1. Write a Python Program to Find the Sum of Natural Numbers?  
   n=int(input("Enter the no"))

s=0

if(n<0):print("Negative no")

else:

while(n>0):

s=s+n

n=n-1

print(s)