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

def fact(n):

if n ==1:

return 1

return n \* fact(n -1)

final = fact(5)

print(final)

**answer: 5**

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

number = int(input(“ Enter the number for which to perform multiplication: “))

for i in range(1,11):

print(number, ”x” , i,”=”number \* i)

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

def fib():

fibs = [0,1]

for i in range(2,100):

fibs.append(fibs[i-1] + fibs[i -2])

return fibs

fibs = fib()

1. Write a Python Program to Check Armstrong Number?

n = 120

num = str(n)

na = len(num)

op = 0

for i in num:

op = op + int(i)\*\* na

if op == int(num):

print(True)

else:

print(False)

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

for i in range(100,1000):

num = str(i)

na = len(num)

d = {}

op = 0

for i in num:

op = op + int(i) \*\* na

if op == int(num):

d[num] == op

print(True,d)

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

def sum\_of\_natural():

sum = 0

for i in range(1, 101):

sum += i

return sum