1. Write a Python Program to Display Fibonacci Sequence Using Recursion?

A)

def fibo(a,b,c):

if c > 0:

c -= 1

print(a, end=' ')

temp = b

b = a + b

a = temp

fibo(a,b,c)

fib0(0,1,10)

2. Write a Python Program to Find Factorial of Number Using Recursion?

A)

def fact(n):

if n==0 or n==1:

return 1

return n\*fact(n-1)

num=fact(5)

print(num)

3. Write a Python Program to calculate your Body Mass Index?

A)

height=5.11

weight=85

print("The body mass index is: ",weight/(height\*height))

4. Write a Python Program to calculate the natural logarithm of any number?

A)

import math

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

print(math.log(num))

5. Write a Python Program for cube sum of first n natural numbers?

A)

def cubN(n):

return sum(range(n+1))\*\*3

cubN(9)