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

A. def fibonacci(n):

if n <= 1:

return n

else:

return fibonacci(n-1) + fibonacci(n-2)

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

A. def factorial(n):

if n == 0:

return 1

else:

return n \* factorial(n-1)

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

A. def calculate\_bmi(weight, height):

bmi = weight / (height \*\* 2)

return bmi

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

A. import math

def calculate\_ln(x):

ln = math.log(x)

return ln

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

A. def cube\_sum(n):

if n <= 0:

return 0

else:

return n\*\*3 + cube\_sum(n-1)