* Write a Python Program to Display Fibonacci Sequence Using Recursion?

def recurfib(n):

if n<=1:

return n

else:

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

num = int(input("input no : "))

if num <=0:

print("Please provide positive no.")

else:

for i in range(num):

print(recurfib(i) , end=" ")

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

def fact(n):

if n==0:

return 1

else:

return n \* fact(n-1)

num = int(input("input a no : "))

if num<0:

print("Enter positive no.")

else:

print(fact(num))

* Write a Python Program to calculate your Body Mass Index?

# BMI = weight / Height \* height

h = float(input("enter your height in feet : "))

w = float(input("enter your weight in kilo : "))

bmi = w/(h\*\*2)

print("The BIM is = ",bmi)

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

import math

x = int(input(("Enter a number : ")))

log = math.log(x)

print("Log of {} is {}".format(x, log))

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

num = int(input("Enter a no :"))

sum = 0

for i in range(1 , num+1):

sum = sum + i\*\*3

print("Cube sum of {} natural numbers is {}".format(num,sum))