

2(a) Defined as a function F as $F_n = F_{n-1} + F_{n-2}$. Write a Python program which accepts a value for N (where $N > 0$) as input and pass this value to the function. Display suitable error message if the condition for input value is not followed.

```
def fn(n):
    if n == 1:
        return 0
    elif n == 2:
        return 1
    else:
        return fn(n-1) + fn(n-2)

num = int(input("Enter a value for n: "))
if num > 0:
    print("fn(", num, ") = ", fn(num), sep="")
else:
    print("Error in input")
```