**NAME ; KOVI SAI GANESH**

**REGISTER NUMBER: 19212028**

**COURSE CODE; CSA0836**

**PYTHON TEST 2 - 12/09/2022**

1Q IMPLEMENT TRIANGLE ARRAY OF THE BINOMIAL COEFFICIENTS USING PROBABLY THEM

from math import factorial

n =int(input("Enter Number of Rows : "))

for i in range(n):

for j in range(n-i+1):

print(end=" ")

for j in range(i+1):

print(factorial(i)//(factorial(j)\*factorial(i-j)), end=" ")

print()

OUTPUT :

Enter Number of Rows : 4

1

1 1

1 2 1

1 3 3 1

2Q IMPLEMENT PROGRAM TO REVERSE STRING

def reverse(str):

string = " "

for i in str:

string = i + string

return string

str = input("Enter Your String : ")

print("The original string is:",str)

print("The reverse string is:", reverse(str))

OUTPUT :

Enter Your String : "HELLo

The original string is: "HELLo

The reverse string is: oLLEH"