CLASS TEST-2

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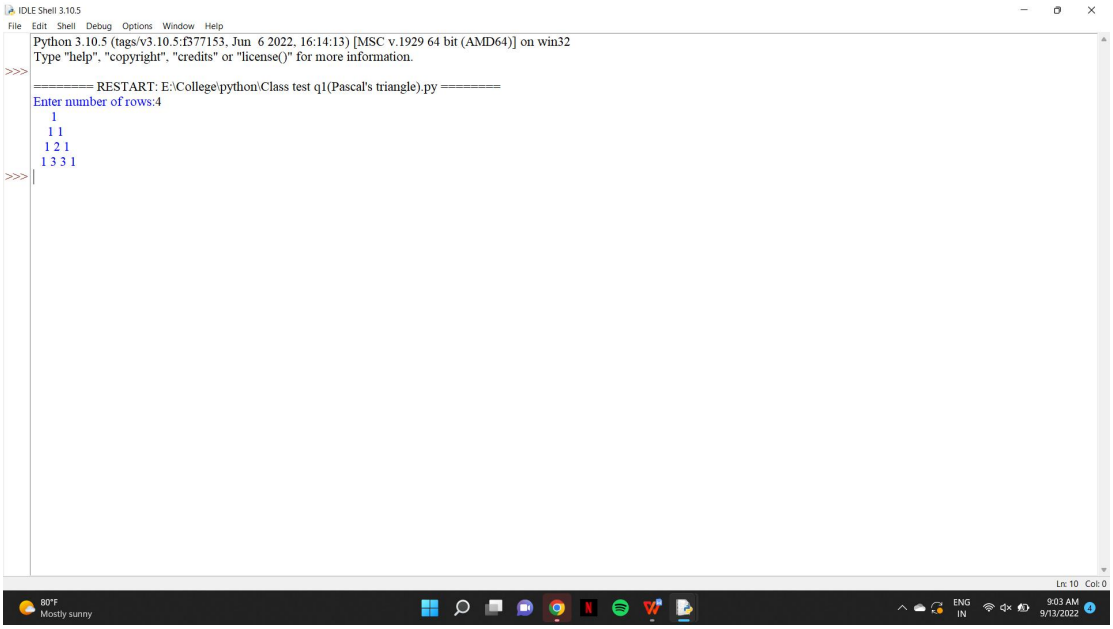
SUBJECT CODE:CSA0836
SUBJECT: PYTHON PROGRAMMING
DATE: 12/09/2022

1) Implement triangle array of the binomial coefficient using probability(Pascal's triangle)

Program:

```
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:

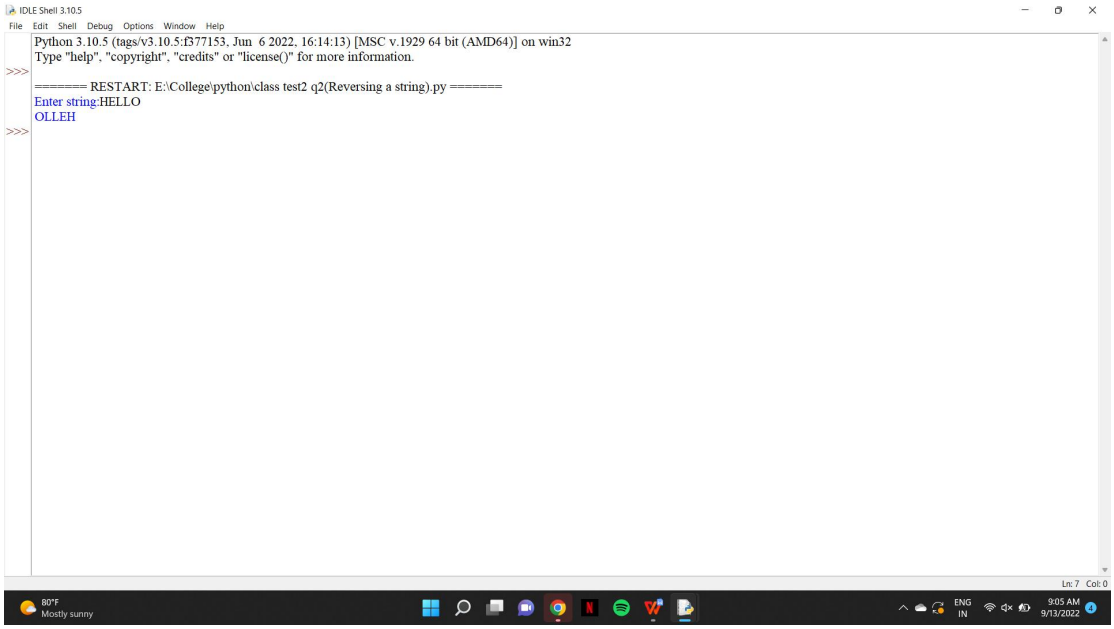


2) Implement program to reverse a string

Program:

```
def reverse(x):
    return x[::-1]
d=input("Enter string:")
print(reverse(d))
```

Output:


IDLE Shell 3.10.5
File Edit Shell Debug Options Window Help
Python 3.10.5 (tags/v3.10.5:f377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
======= RESTART: E:\College\python\class test2 q2(Reversing a string).py =======
Enter string:HELLO
OLLEH
>>>
Ln: 7 Col: 0
80°F
Mostly sunny
ENG
IN
9:05 AM
9/13/2022