



Python

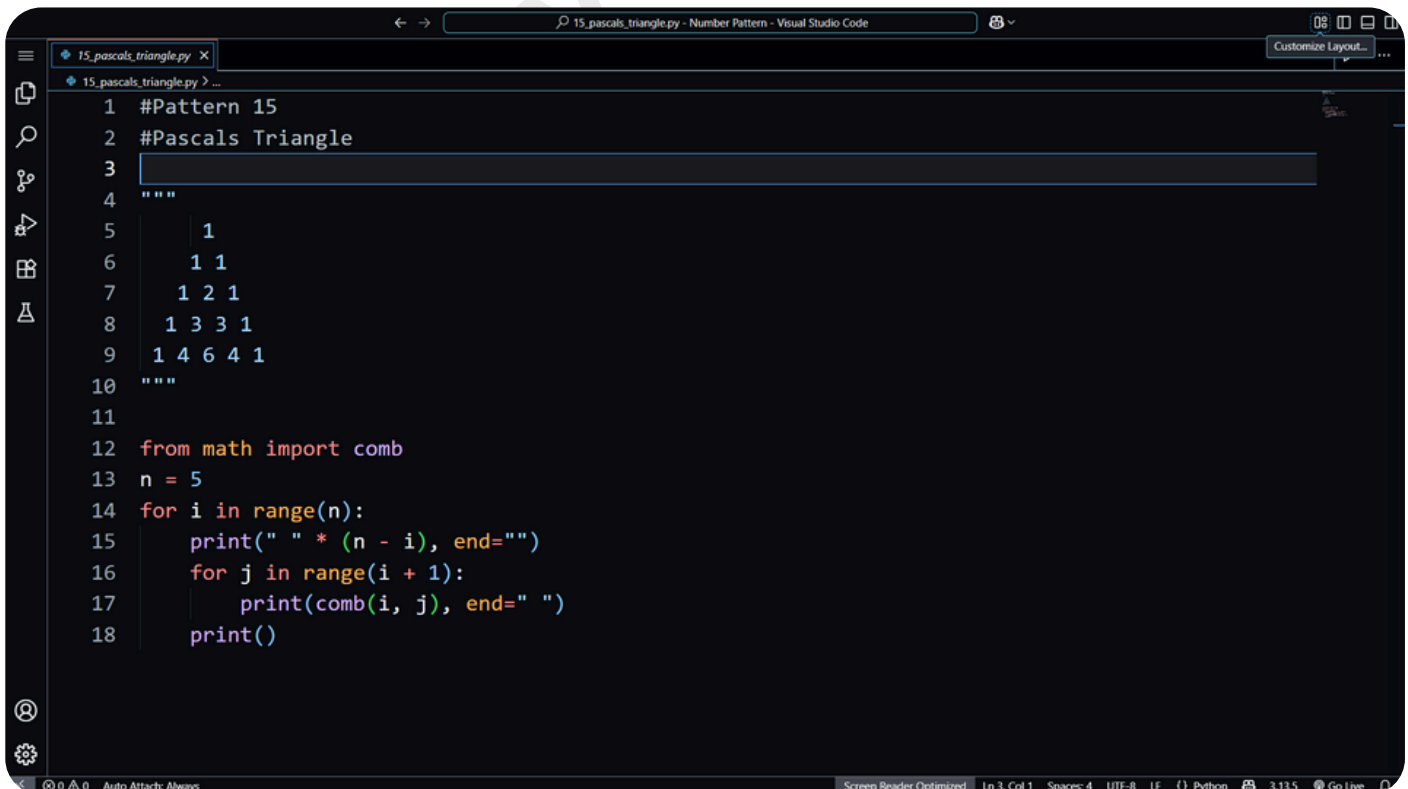
Pattern

PYTHON PATTERN

Number Pattern

15. Pascal's Triangle

Code



```
1 #Pattern 15
2 #Pascals Triangle
3
4 """
5     1
6     1 1
7     1 2 1
8     1 3 3 1
9     1 4 6 4 1
10 """
11
12 from math import comb
13 n = 5
14 for i in range(n):
15     print(" " * (n - i), end="")
16     for j in range(i + 1):
17         print(comb(i, j), end=" ")
18     print()
```

Output

```
D:\system\Python Pattern\Pattern>python 15_pascals_triangle.py
    1
   1 1
  1 2 1
 1 3 3 1
1 4 6 4 1

D:\system\Python Pattern\Pattern>
```



Thank you !
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