



Python

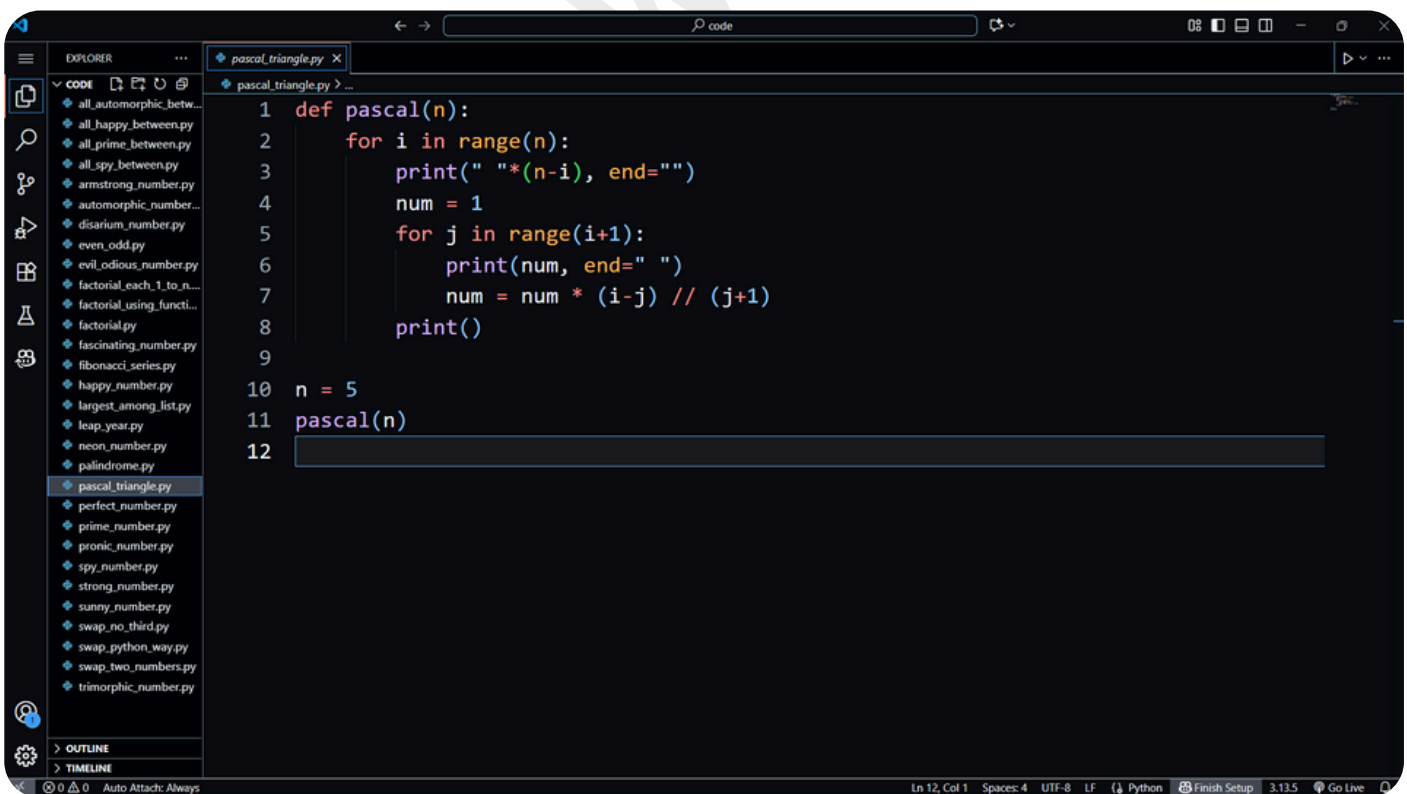
Problem

PYTHON PROGRAM

Python Problem

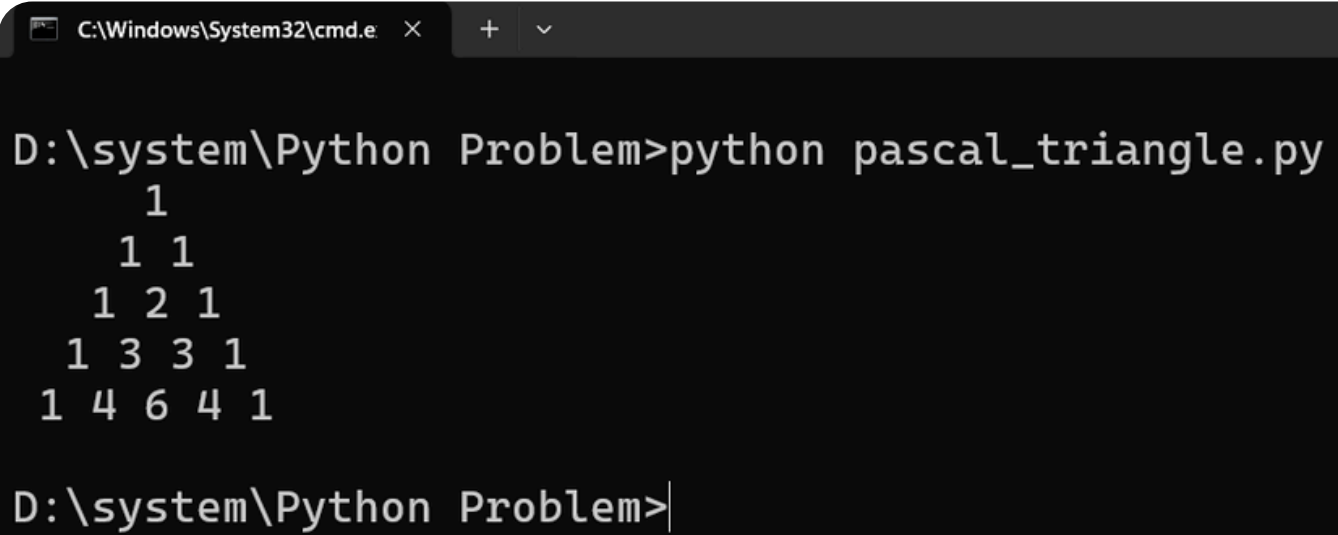
20. Pascal Triangle

Code



```
1 def pascal(n):
2     for i in range(n):
3         print(" "*(n-i), end="")
4         num = 1
5         for j in range(i+1):
6             print(num, end=" ")
7             num = num * (i-j) // (j+1)
8         print()
9
10 n = 5
11 pascal(n)
12
```

Output



A screenshot of a Windows command prompt window. The title bar shows the path 'C:\Windows\System32\cmd.e' and standard window controls. The command prompt shows the directory 'D:\system\Python Problem' and the command 'python pascal_triangle.py' being executed. The output is a Pascal's triangle with 5 rows. The prompt 'D:\system\Python Problem>' is visible at the bottom.

```
D:\system\Python Problem>python pascal_triangle.py
  1
 1 1
1 2 1
1 3 3 1
1 4 6 4 1

D:\system\Python Problem>
```



Thank you !
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