



Python

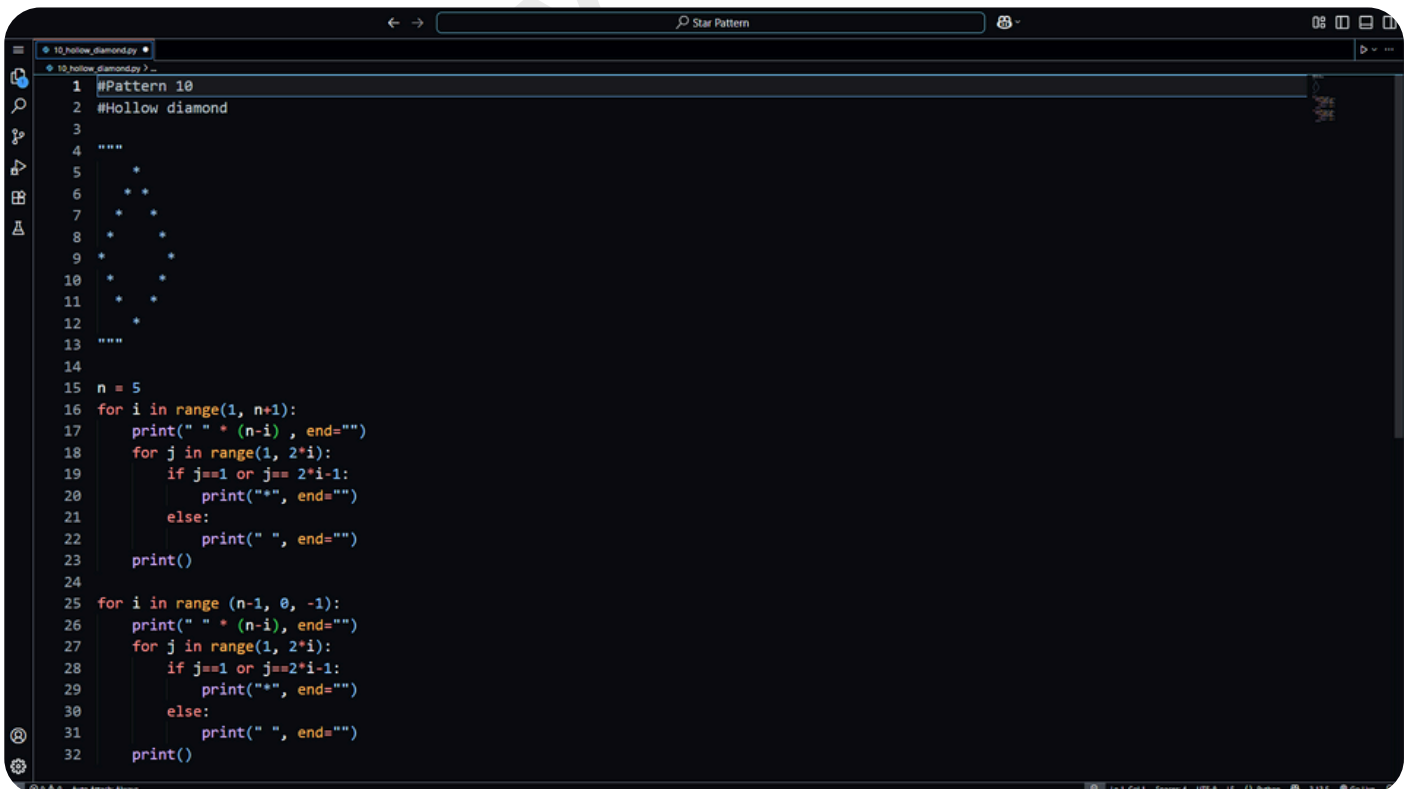
Pattern

PYTHON PATTERN

Star Pattern

10. Hollow Diamond Pattern

Code



```
1 #Pattern 10
2 #Hollow diamond
3
4 """
5 *
6 * *
7 * * *
8 * * *
9 * *
10 *
11 *
12 *
13 """
14
15 n = 5
16 for i in range(1, n+1):
17     print(" " * (n-i), end="")
18     for j in range(1, 2*i):
19         if j==1 or j== 2*i-1:
20             print("*", end="")
21         else:
22             print(" ", end="")
23     print()
24
25 for i in range (n-1, 0, -1):
26     print(" " * (n-i), end="")
27     for j in range(1, 2*i):
28         if j==1 or j==2*i-1:
29             print("*", end="")
30         else:
31             print(" ", end="")
32     print()
```

Output

```
D:\system\Python Pattern\Pattern>python 10_hollow_diamond.py
```

```
  *
 * *
*   *
*   *
*   *
*   *
*   *
*   *
*   *
*   *
*   *
```

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

TechBy



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