

```
#pattern 11(user defined)
n=int(input('enter the height:'))
for i in range(0,n):
    for j in range(0,(n-1)-i):
        print(" ",end="") #for space,end=""(for new line, as
        well as space)
    for k in range(0,i+1):
        print("*",end="")
    print()
```

The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays a file tree with various Python files, including 'pattern11.py' which is currently selected. The main editor area shows the code for 'pattern11.py', which is identical to the code block above. The TERMINAL panel at the bottom shows the command prompt output for running the script: 'python -u "c:\Users\VIP\OneDrive\Desktop\vs code progs\pyramid\_...py"', followed by the user input 'enter the height:5' and the resulting pattern of spaces and asterisks. The status bar at the bottom indicates the file is at Line 8, Column 18, with 266 characters selected, using UTF-8 encoding and CRLF line endings.