

LAB 1: First Print

Write a Python program that uses the `print` statement to display an equilateral triangle made up of the `#` character. The triangle should be symmetrical, and its size can be determined by the number of rows.

SOLUTION:

```
12
13 # print(" Here is my first Python Homework. It is a triangle")
14
15 #Declaration of variables
16 top_level = "\t" |
17 empty = " "
18 lenght = "#"
19 bottom_level = "#" * 25
20
21 # Print the banner
22 print(top_level + lenght + "\n")
23 print(empty * 6 +lenght + empty * 4 + lenght +"\n")
24 print(empty * 5 +lenght + empty * 7 + lenght +"\n")
25 print(empty * 4 +lenght + empty * 10 + lenght +"\n")
26 print(empty * 3 +lenght + empty * 14 + lenght +"\n")
27 print(empty * 2 +lenght + empty * 17 + lenght +"\n")
28 print(empty + lenght + empty * 21 + lenght + "\n")
29 print(bottom_level)
30
31
```

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```
#####
josephmbatchou@Josephs-MacBook-Air Bootcam-Python % python3 first-print.py
#
# #
# #
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# #
# #
#####
josephmbatchou@Josephs-MacBook-Air Bootcam-Python %
```