☰ Submission Detail

ID	#512045
Problem	VerticalHistogram (https://ejudge.it.kmitl.ac.th/problem/2933)
Username	it60070183(นายธีรภัทร ไกรศรีสิริกุล) (https://ejudge.it.kmitl.ac.th/account/1506)
Language	Python
Correctness Score	100 Points
Bonus Score	900 Points
Quality	100% How to improve your code
Summary Score	1000 Points
Time	2017-11-06 19:48:33

➡ Details

Case 1 [#6451] : Passed   0.04098200 sec.
Case 2 [#6452] : Passed   0.04126200 sec.
Case 3 [#6453] : Passed   0.03772000 sec.
Case 4 [#6454] : Passed   0.04552100 sec.
Case 5 [#6455] : Passed   0.04288400 sec.
Case 6 [#6456] : Passed   0.04201600 sec.
Case 7 [#6457] : Passed   0.04437700 sec.
Case 8 [#6458] : Passed   0.04660600 sec.
Case 9 [#6459] : Passed   0.04320500 sec.
Case 10 [#6460] : Passed   0.04308800 sec.

🖥 Code

```
Pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLstJSON=%5B%5D&curInstr=0)
```

```
1   """
2   PSIT - Week 10
3   Teerapat Kraisrisirikul (60070183)
4   """
5
6   def main():
7       """ Main function """
8       characters = scan_text(input())
9       height = max([int(i[1]) for i in characters])
10
11      # Main part of histogram
12      for level in range(height, 0, -1):
13          print('%03i'%level, end=' ')
14          _ = [print('*' if i[1] >= level else ' ', end=' ') for i in characters],
15
16      # Bottom line
17      _ = print("    ", end=''), [print(" " + i[0], end='') for i in characters]
18
19  def scan_text(txt):
20      """ Scan text, then add characters to a list """
21      chars = list()
22      _ = [chars.append([chr(i), txt.count(chr(i))]) for i in range(97, 123) if tx
23      _ = [chars.append([chr(i), txt.count(chr(i))]) for i in range(65, 91) if txt
24      return chars
25
26  main()
```