☰ Submission Detail

ID	#505728
Problem	HorizontalHistogram (https://ejudge.it.kmitl.ac.th/problem/2908)
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	2017-10-19 15:16:49

➜] Details

Case 1 [#6326] : Passed   0.03609300 sec.
Case 2 [#6327] : Passed   0.02480000 sec.
Case 3 [#6328] : Passed   0.02383400 sec.
Case 4 [#6329] : Passed   0.02424600 sec.
Case 5 [#6330] : Passed   0.02415700 sec.
Case 6 [#6331] : Passed   0.02372500 sec.
Case 7 [#6332] : Passed   0.02379000 sec.
Case 8 [#6333] : Passed   0.03355000 sec.
Case 9 [#6334] : Passed   0.03053400 sec.
Case 10 [#6335] : Passed   0.04726900 sec.

🖵 Code

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

```python
"""
PSIT Pair-Programming (19th October 2017)
#1 - Supakit Theanthunyakit (it60070098)
#2 - Teerapat Kraisrisirikul (it60070183)
"""

def main():
    """ Main function """
    text = input()

    for letter in range(ord('a'), ord('z')+1):
        if text.count(chr(letter)) >= 1:
            print(chr(letter), ":", create_graph(text.count(chr(letter))))

    for letter in range(ord('A'), ord('Z')+1):
        if text.count(chr(letter)) >= 1:
            print(chr(letter), ":", create_graph(text.count(chr(letter))))

def create_graph(amount):
    """ Calculate Graph """
    graph = ''
    for i in range(amount):
        if i % 5 == 0 and i != 0:
            graph += '|'
        graph += '-'

    return graph

main()
```