printing character lines and ascii lines

Problem Submissions Leaderboard Discussions

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Define following functions

void print_char_line(char ch, int no); - prints character ch, no times, separated by tabs

void print_ascii_line(char ch, int no); - prints ASCII value of character ch, no times, separated by tabs

Using functions *print_char_line* and print_ascii_line, print following pattern, for a given character *c* and value of *n*.

e.g.

input

x 5

output

 $\mathsf{X}\;\mathsf{X}\;\mathsf{X}\;\mathsf{X}\;\mathsf{X}$

120 120 120 120 120

ууууу

121 121 121 121 121

ZZZZZ

122 122 122 122 122

Explanation: First given character *c* should be printed *n* times (separated by tabs).

In next line print ASCII value of character *c* in decimal *n* times (separated by tabs).

In next line print next character after c in alphabet, n times (separated by tabs).

In next line print ASCII value of next character after c in decimal n times (separated by tabs).

Repeat this until z or z and respective ASCII values are printed.

Input Format

One valid (uppercase or lowercase) aplhabet character *c* and a number *n* separated by space.

Constraints

 $'a' \le c \le 'z' \text{ or } 'A' \le c \le 'Z'$

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1 <= n <= 10

Output Format

lines of alphabets and their ascii values

Sample Input 0

x 5

Sample Output 0

Х	Х	Х	Х	Х	
120	13	20	120	12	0 120
У	У	У	У	У	
121	13	21	121	12	1 121
Z	Z	Z	Z	Z	
122	13	22	122	12	2 122

Sample Input 1

y 4

Sample Output 1

Sample Input 2

z 2

Sample Output 2

z z 122 122

Sample Input 3

z 1

Sample Output 3

z 122

Sample Input 4

x 1

Sample Output 4

x 120

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```
121
  z
  122
Sample Input 5
  Υ 3
Sample Output 5
  89
        89
              89
  Z
       Z
            Z
        90
               90
  90
                                                                                                   f ⊌ in
                                                                                                  Submissions: 127
                                                                                                  Max Score: 10
                                                                                                  Difficulty: Easy
                                                                                                  Rate This Challenge:
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                                                                                                  ▲ Download problem statement
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                                                                                                                        *
    1 ▼ #include <stdio.h>
    2 #include <string.h>
    3 #include <math.h>
    4 #include <stdlib.h>
    6▼int main() {
    7
            /\star Enter your code here. Read input from STDIN. Print output to STDOUT \star/
    8▼
    9
            return 0;
   10 }
   11
                                                                                                                Line: 1 Col: 1
1 <u>Upload Code as File</u> ☐ Test against custom input
                                                                                                               Submit Code
                                                                                                 Run Code
```

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