Image

ZPRAC-16-17-Lab4

[50 points]

Still unhappy, Kriti reaches out to Vpn again for help. Vpn being an excellent researcher in the field computer vision and graphics suggests her to work in this area and asks her to write a program to generate images made of characters from given intensity values at every point. As she is really tired now, she asks you for help.

Question starts:
Given the height, width and intensity value of the image at every point generate a character-based image using the given table.

INPUT format:
height(**integer**) width(**integer**)
intensity values in height x width format

$0 \leq intensity \leq 17$

Mapping from intensity value to character:
0 - ' ' (a single space)
1 - '.'
2 - ':'
3 - '-'
4 - '~'
5 - '='
6 - '+'
7 - '?'
8 - 'I'
9 - '7'
10 - 'S'
11 - '0'
12 - 'K'
13 - '8'
14 - 'Z'
15 - 'N'
16 - 'M'
17 - '#'

Example:

INPUT:

4 2

11 11

1 5

1 5

7 17

OUTPUT:

00

.=

.=

?#