



CST-105: Programming Exercise 5

1. Review the Rubric for this assignment before beginning work. Be sure you are familiar with the criteria for successful completion. The rubric link can be found in Loud Cloud under the assignment.
2. Write a program that reads text from a file. Create a 2-dimensional character array that is 6 * 7. Store the characters read in your array in row major order (fill row 0 first, then row 1, etc.). Fill any unused spaces in the 2-D array with the '*' character. If you have more characters than space, ignore the excess characters. Extract the characters from your array in column-major order (pull from column 0 first, then column 1, etc.). Build a new string as you extract the characters. Display the new string.

Here is an example for the input string

It was a bright cold day in April, and the clocks were striking thirteen.

	0	1	2	3	4	5	6
0	I	t		w	a	s	
1	a		b	r	i	g	h
2	t		c	o	l	d	
3	d	a	y		i	n	
4	A	p	r	i	l	,	
5	a	n	d		t	h	e

Output string: IatdAat apn bcyrdwro i aililtsgdn,h h e

3. Make a LOOM video of your project. In your video, discuss your code and run your program.

Submit the following in Loud Cloud:

- Your program (.java)
- A link to your LOOM video