Homework #6
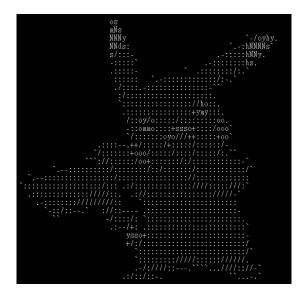
Problem statement

In this assignment, we will give you an ascii art image, which is a kind of text image that are represented by ascii code characters, and your job is to draw the mirror image of the original image.

For example, the original image:

Mirror image:

We will provide several txt files (storing ascii images) for you to practice, and don't worry about reading files, there will be a sample code, feel free to modify it! Notice that you have to store the images in a 2-dimensional array , and implement two functions:

1. reverse: which takes the original image as input and make a mirror image
2. printImage: print the mirror image

```
void reverse([original image], …);
void printImage([reversed image], …);
```

The input arguments of these two functions must at least include the red part, which are both 2d arrays. Feel free to change the return types of them.

Requirements

1. Store the images in a 2d array.
2. Implement function "reverse" and "printImage" in the format mentioned above.
3. The width of the image will not be greater than 100 characters.
4. Properly comment your program.
5. Plagiarism is not allowed! In case of plagiarism, you'll get 0 for the score and be put into the watch list for all further assignments!
6. See the sample run below for the required output format.

Submission

Be sure to upload your source code to E3 by the due date and name your file as "**xxxxxxx_hw6.c**", where **xxxxxxx** is your student ID.

Sample run