Computer Programming
Section G, Spring 2018
Assignment 4

Due Date: Thursday April 26, 2018

ASCII Art

Implement a simple editor that displays a line of text using ASCII Art. Each alphabet character is represented with multiple lines of special characters, terminated by $ symbol. For instance, alphabet 'A' is represented as:

```
   #     $

  # #    $

 #     # $

#       #$

#######$

#       #$

#       #$
```

A complete representation of characters is given in the associated file.

The job of the editor is to type a given text of characters using the corresponding ASCII Art equivalents. For instance, text "AND" will be shown as:

```
   #        #        #   ######

  # #       ##      #  #       #

 #     #    # #     #  #       #

#       #   #  #  #  #  #       #

#######    #   # #  #       #

#       #   #    ##  #       #

#       #   #     #  ######
```

Your editor needs to be implemented using object-oriented concept of composition (has-a) relationship, considering two classes **Buffer** and **Character**.