**Assembly Language (A&E)**

**Fall 2015**

**Assignment-5**

**Submission: Tuesday, 3rd November, 2015 (on slate)**

**For section A:**

Write a TSR to calculate the current typing speed of the user. Current typing speed is the number of characters typed by the user in the last five seconds. The speed should be represented by printing asterisks at the right border (80th column) of the screen starting from the upper right to the lower right corner (growing downwards). Draw **n** asterisks if the user typed n characters in the last five seconds. The count should be updated every second.

**For section E:**

Write a program that emulates the raining characters effect from the characters entered by keyboard. Whenever the user hits a character on keyboard, that character starts falling from top of screen towards bottom of screen until it disappears. Please note that the character appears randomly in the first row and then starts falling down. Also keep in mind while a character is falling user can hit another character on keyboard that also starts falling down concurrently with the previous character.