
ASSEMBLY LANGUAGE PROGRAMMING PROJECT

Project Title: - **"String drawer"**

Description: - User enters a string in the LCD screen and then it's viewed on the dot matrix character by character.

- Details: -**
- Allowed characters are all English upper case characters and the numbers.
 - Keypad has to have the ability of entering all the English characters through the numbers from 0 to 9 like old mobiles.
 - Only red LEDs will be used in the dot matrix.
 - A delay between each viewed character should be presented. For example 1 or 2 seconds.
 - Bonus: Instead of delays between viewed characters, the characters should move from right to left.

Example

The input screen

HEN

The dot matrix should view



Then after 1 sec



Then after 1 sec



You will submit:

- A complete flow chart for your program
- Procedures description that contains

- Task accomplished by the procedure.
- List of input parameters and their usage.
- Description of any value calculated/returned by the procedure.
- Preconditions that must be satisfied before the procedure is called.