

CpE301 - Design Assignment 6
Due: 4/30/2016

The goal of the assignment is to modify the above codes to do the following:

Write a C AVR program that will monitor the LM34/LM35 connected to an Analog pin to display the temperature in C or F on the Nokia 5110 GLCD display Module.

Submission:

The following are required for successful completion of the design assignment:

- a. AVR C code that has been compiled and working.
- b. The C code should be well documented with explanation of every instruction.
- c. A word document that contains the flow chart of the assembly code along with the snapshots of the schematics, components connected on the breadboard and screen shoots.

REFERENCE:

<http://agock.com/software/glcd-graphic-lcd-library/>

<http://tinusaur.org/projects/ssd1306xled/>

<https://bitbucket.org/tinusaur/ssd1306xled>