Calvin Suratos

CPE301 – SPRING 2016

Design Assignment 6

**DO NOT REMOVE THIS PAGE DURING SUBMISSION:**

The student understands that all required components should be submitted in complete for grading of this assignment.

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| --- | --- | --- | --- |
| **NO** | **SUBMISSION ITEM** | **COMPLETED (Y/N)** | **MARKS**  **(/MAX)** |
| 0. | COMPONENTS LIST AND CONNECTION BLOCK DIAGRAM w/ PINS |  |  |
| 1. | INITIAL CODE OF TASK 1/A |  |  |
| 2. | SCHEMATICS |  |  |
| 3. | SCREENSHOTS OF EACH TASK OUTPUT |  |  |
| 4. | SCREENSHOT OF EACH DEMO |  |  |
| 5. | VIDEO LINKS OF EACH DEMO |  |  |
| 6. | GOOGLECODE LINK OF THE DA |  |  |
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| 0. | COMPONENTS LIST AND CONNECTION BLOCK DIAGRAM w/ PINS |  |  |

Breadboard

Jumper Wires

Atmega328P

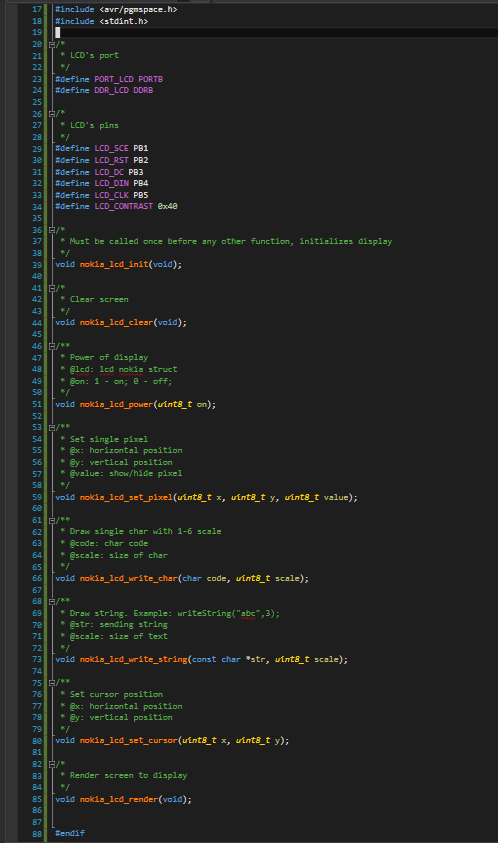
Pololu USB AVR programmer

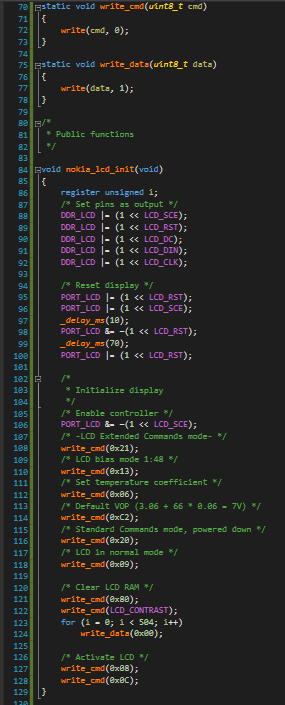
LM34 Temperature Sensor

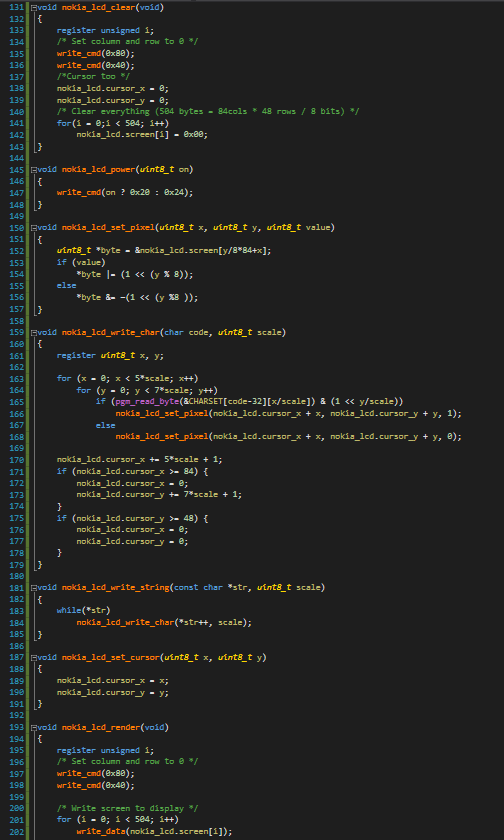
Nokia5110 GLCD

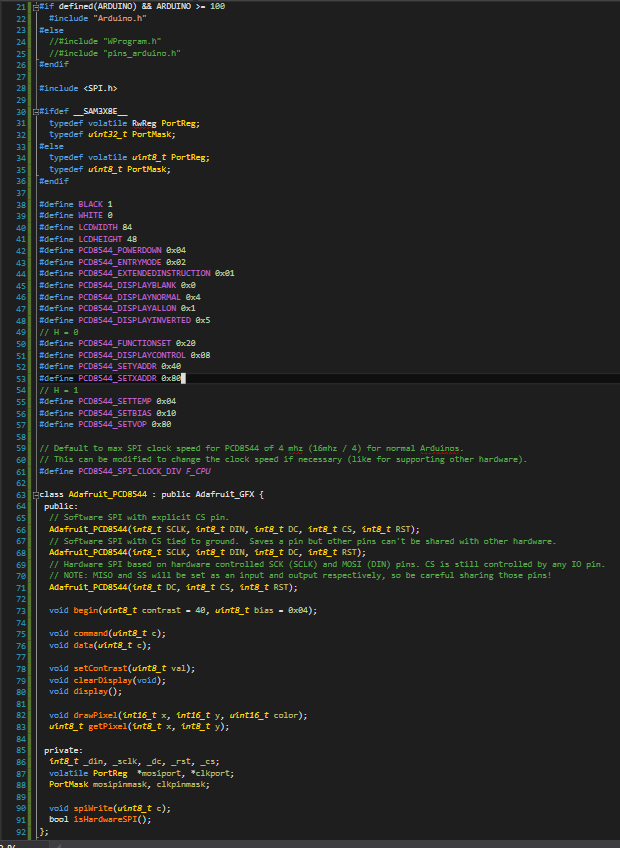
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| --- | --- | --- | --- |
| 1. | INITIAL CODE OF TASK 1/A |  |  |

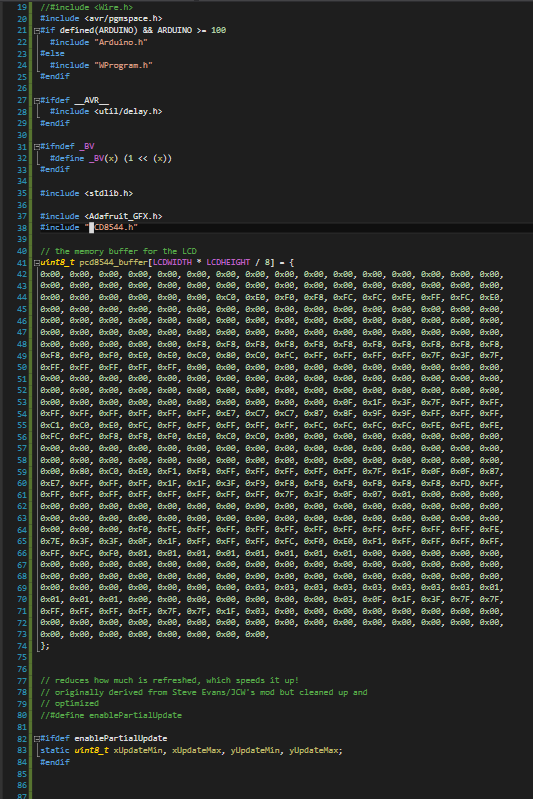


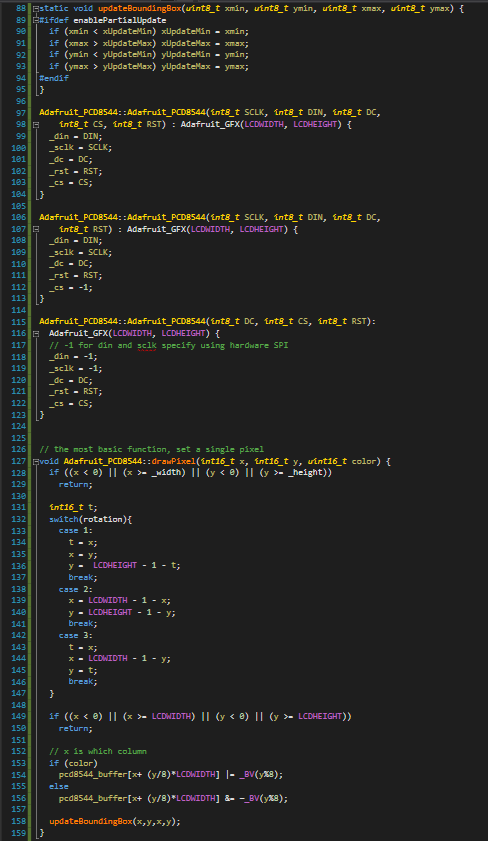


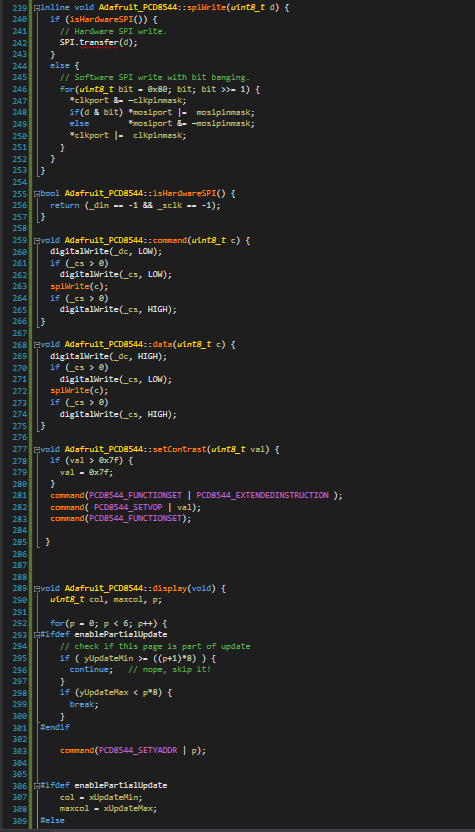
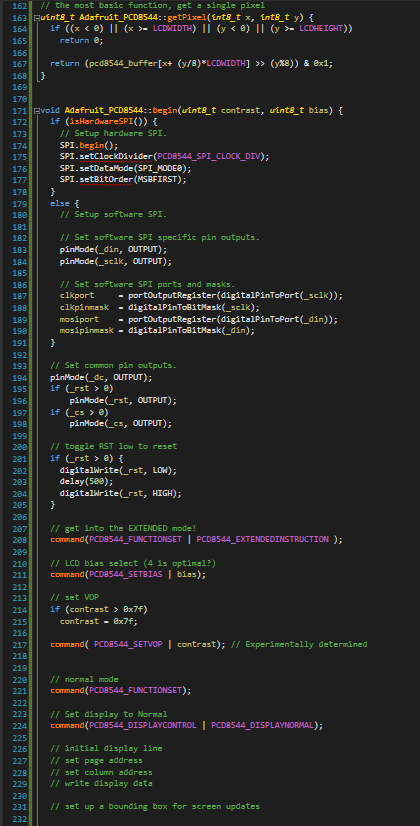


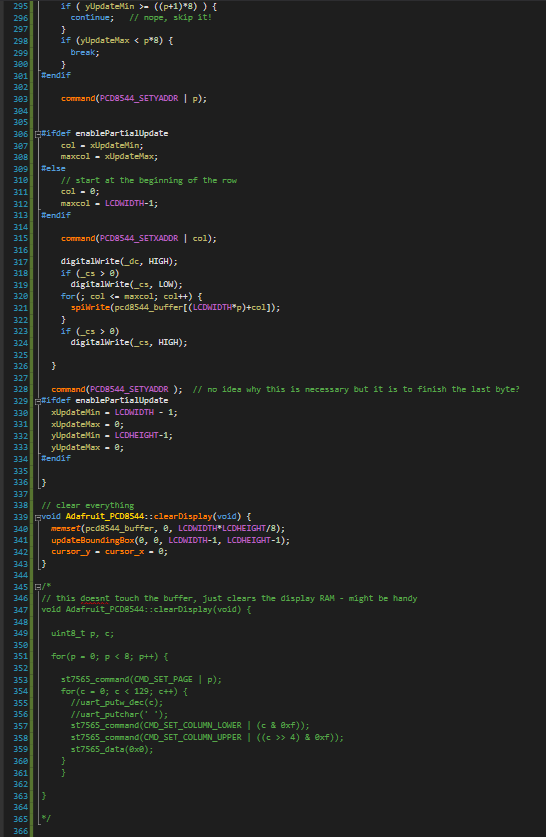


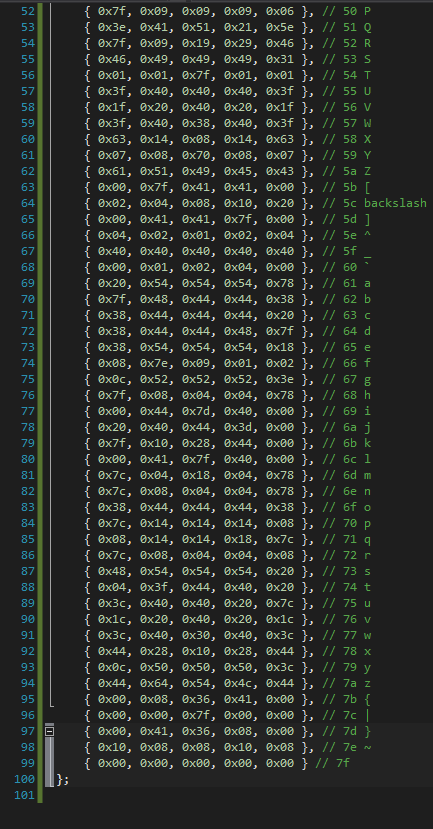
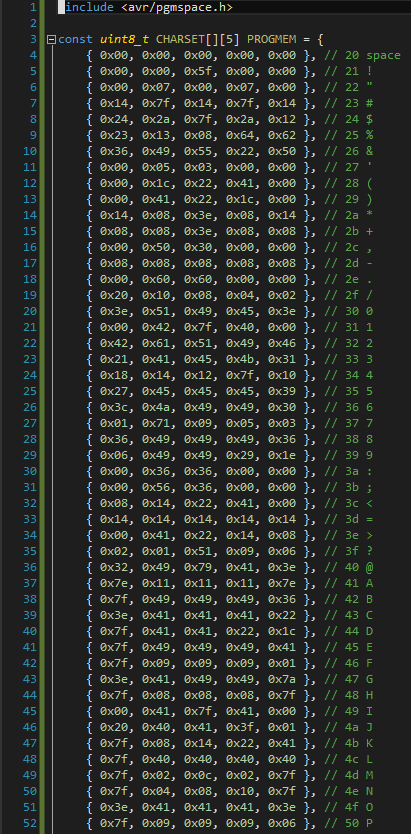




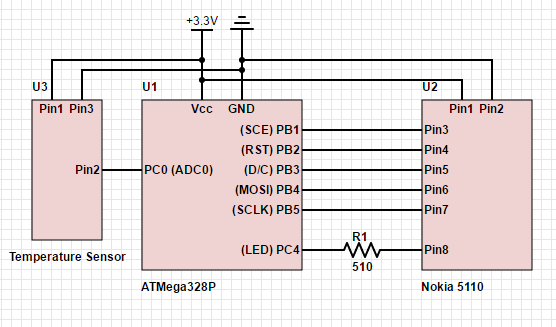




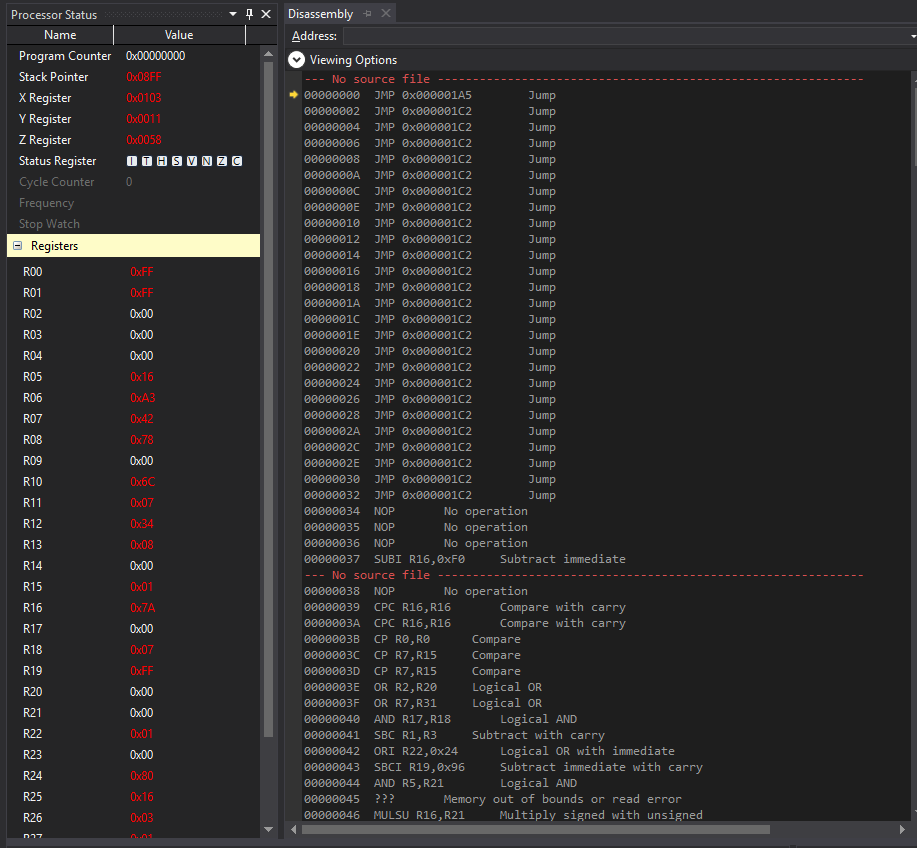




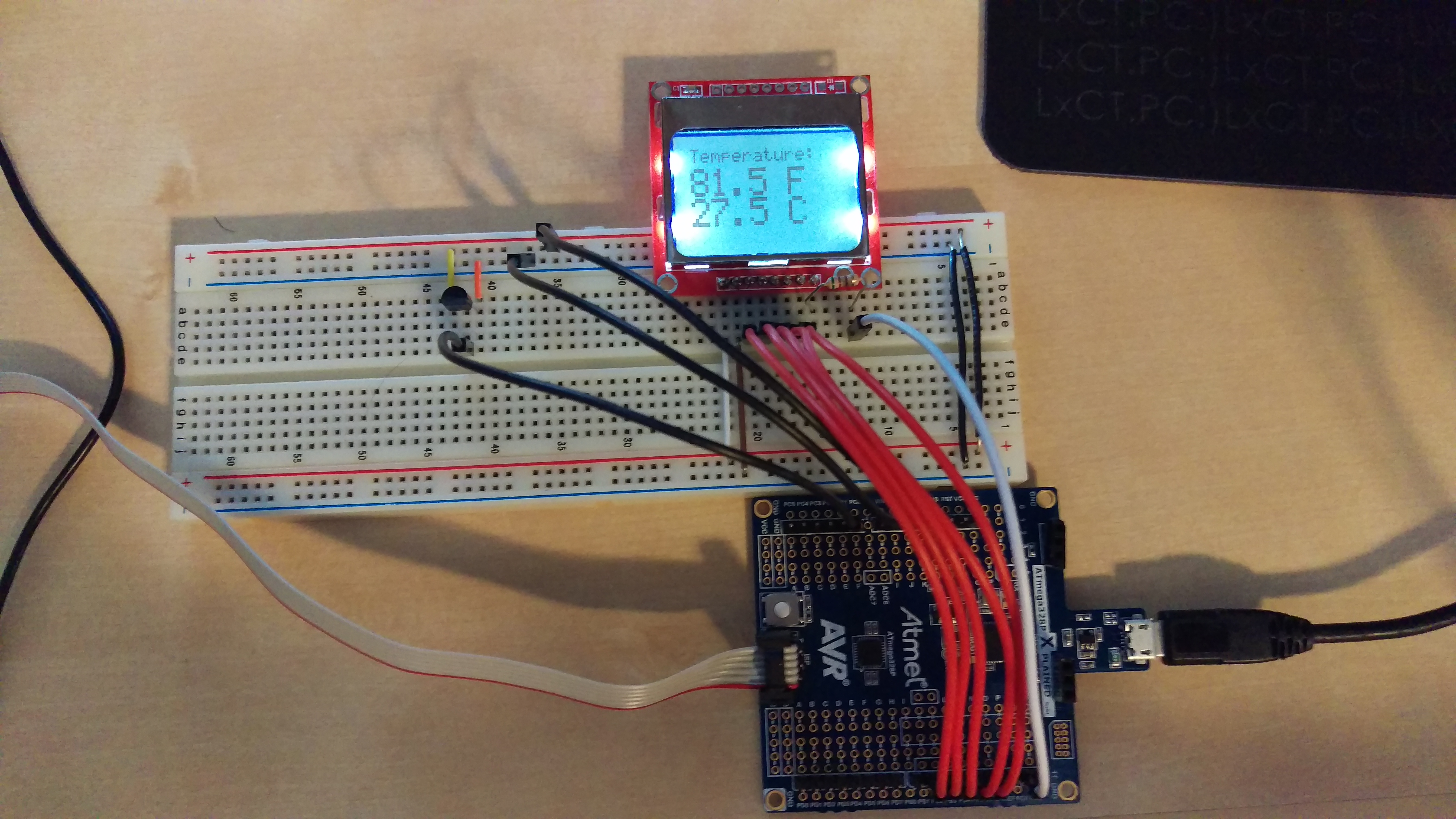
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| 2. | SCHEMATICS |  |  |



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| 3. | SCREENSHOTS OF EACH TASK OUTPUT |  |  |



|  |  |  |  |
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| 4. | SCREENSHOT OF EACH DEMO |  |  |



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| --- | --- | --- | --- |
| 5. | VIDEO LINKS OF EACH DEMO |  |  |
| <https://drive.google.com/a/unlv.nevada.edu/folderview?id=0B5Kz0gdhFCkDV2ZVNnhFejhGTTQ&usp=sharing> | | | |
| 6. | GOOGLECODE LINK OF THE DA |  |  |
| <https://github.com/CalvinSuratos/DesignAssignments.git> | | | |

**Student Academic Misconduct Policy**

<http://studentconduct.unlv.edu/misconduct/policy.html>

“This assignment submission is my own, original work”.

Calvin Suratos