

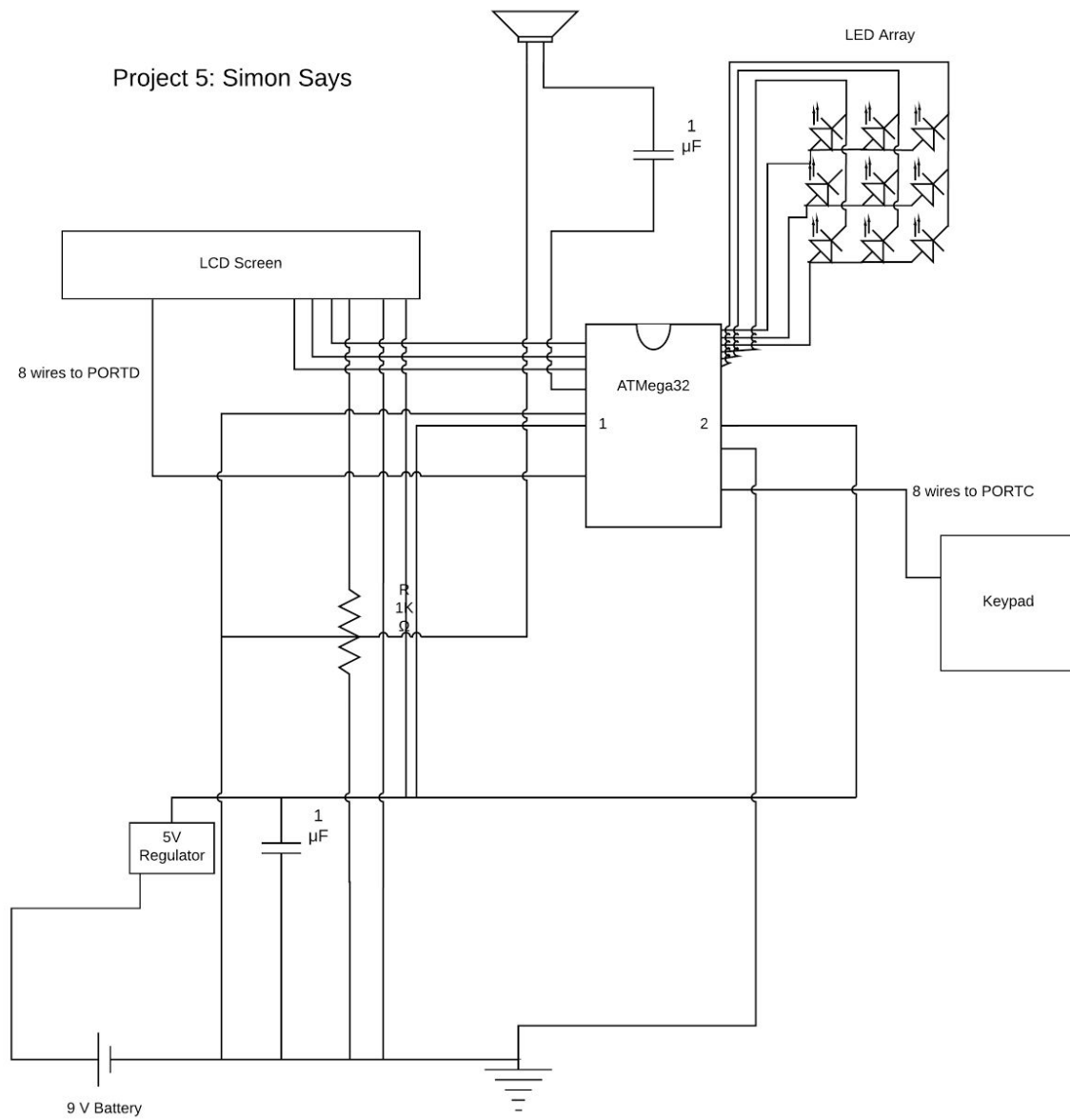
Lab 5

Topics: Simon Says Game

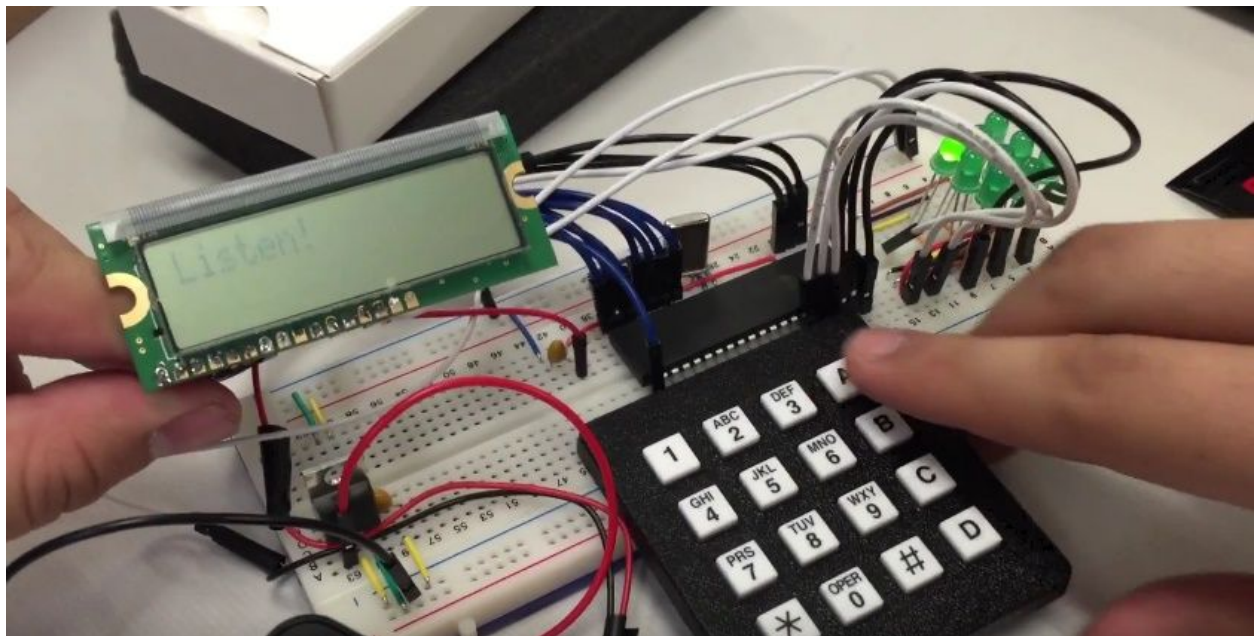
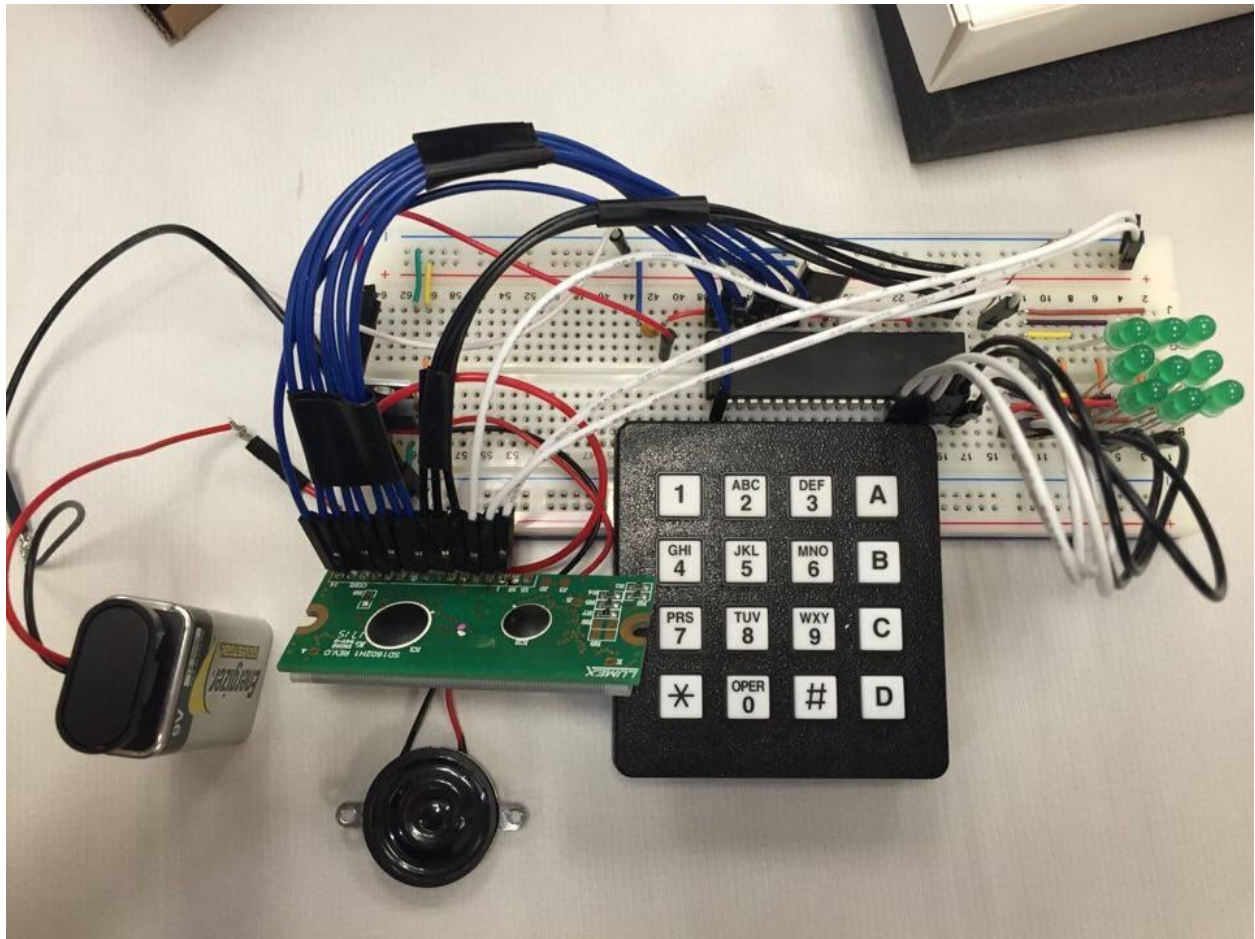
Aaron Zhong 67737879

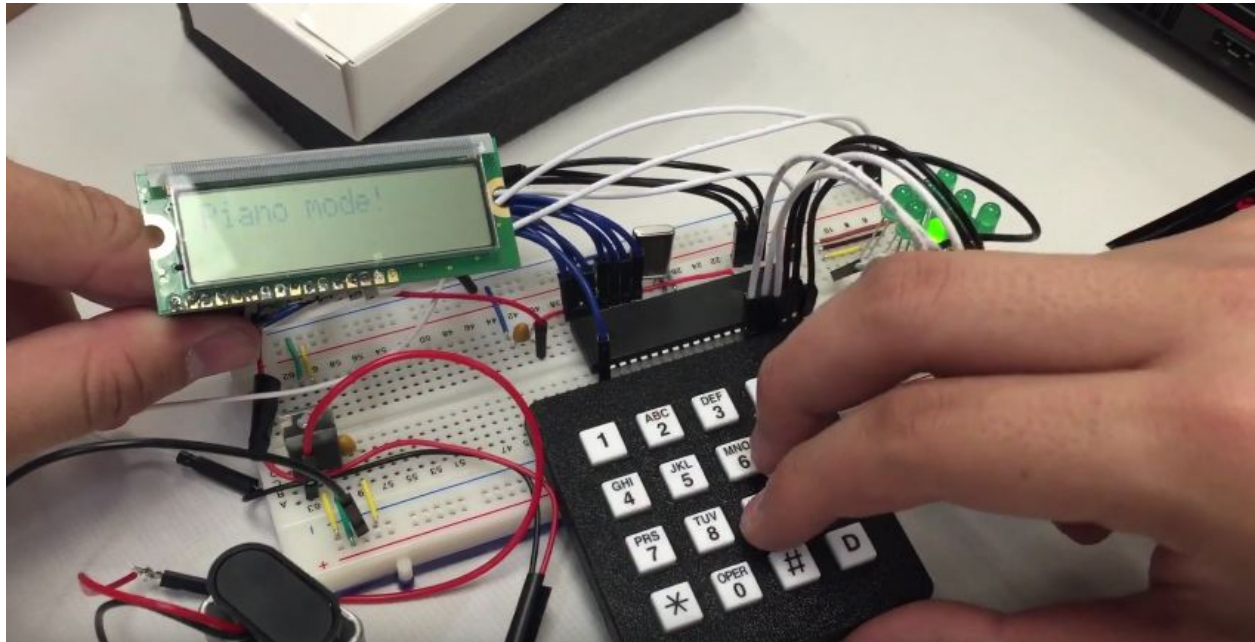
05/25/16

Schematic



Images





Video Examples

<https://youtu.be/EjI8whOF0v0>

<https://youtu.be/vqjgABhYxdA>

Homework

Aaron Zhong's activity

1	Introduction	100%
2	Embedded programming	100%
3	State Machines	100%
4	Synchronous SMs	95%
5	Concurrent synchSMs	100%
6	I/O	100%
7	Peripherals	100%
8	Task Scheduler	100%
9	Programming Issues	100%
10	Utilization and scheduling	0%
11	Control Systems	100%
12	DSP	N/A

Chapter 11



Section 11.1: Intro to control 100%

Participation activities 100%

▶ 11.1.1: Control terms. 100%

▶ 11.1.2: Control introduction. 100%

Code (also attached in zip)

----- *self written* -----

main.c

<http://pastebin.com/h6Ud7jWq>

keypad.c

<http://pastebin.com/JUiqyCq6>

keypad.h

<http://pastebin.com/d2s2sk2A>

music.c

<http://pastebin.com/tTURywbG>

music.h

<http://pastebin.com/B6msVmGi>

----- *modified* -----

avr.c

<http://pastebin.com/BkdLjvBF>

----- *provided* -----

avr.h

<http://pastebin.com/eCAmenxv>

lcd.c

<http://pastebin.com/HTR02mJt>

lcd.h

<http://pastebin.com/tTPiWtfy>