## Michael Tin (SID: 862321571) CS120B Section 023

Main Demo Video: https://youtu.be/SnLw6SEYBBq

Basic Functionality: 0:09 ST7735 Display: 0:23 Shift Register: 0:28 Passive Buzzer/USART: 0:35

Gameplay (this also demonstrates the ST7735 Display): 0:45

Shift Register Video: <a href="https://youtu.be/\_F5APSdiALU">https://youtu.be/\_F5APSdiALU</a>

I also filmed an additional short video to show the Shift Register updating the 1D7S display. Due to the physical setup, it is difficult to get both the ST7735 and the 1D7S in the frame at the same time while filming.