**Team Virtual**

**ABSTRACT**

**U**se of Arduino board to implement counter and have used 7 segment display as well as 5 LED bulbs and buzzer to display given out of the counter. The counter initially has value 0, after each increment the 7 segment display displays the counter value and the corresponding number of led bulbs glow and the buzzer beeps that many number of times. For example the counter is at value 3, then 3 LED bulbs in the circuit glow and the buzzer beeps three times, and the same is followed for all values taken by the counter.

Hardware Used

1. Arduino Board
2. LED bulbs
3. Buzzer
4. Jumper Wires
5. Resistors
6. 7 segment display
7. Breadboard

Arduino Code:

