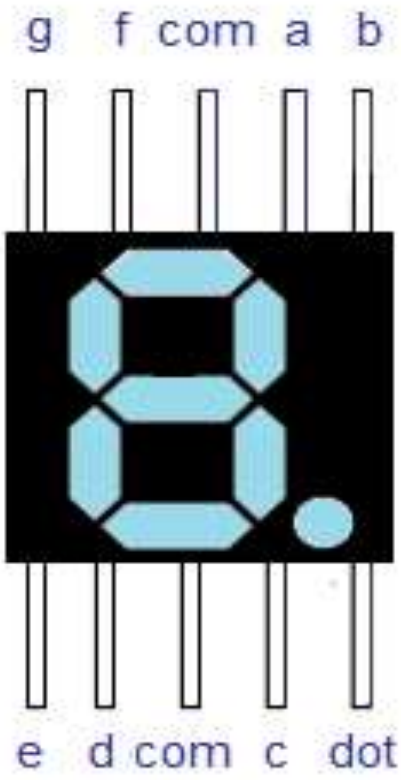
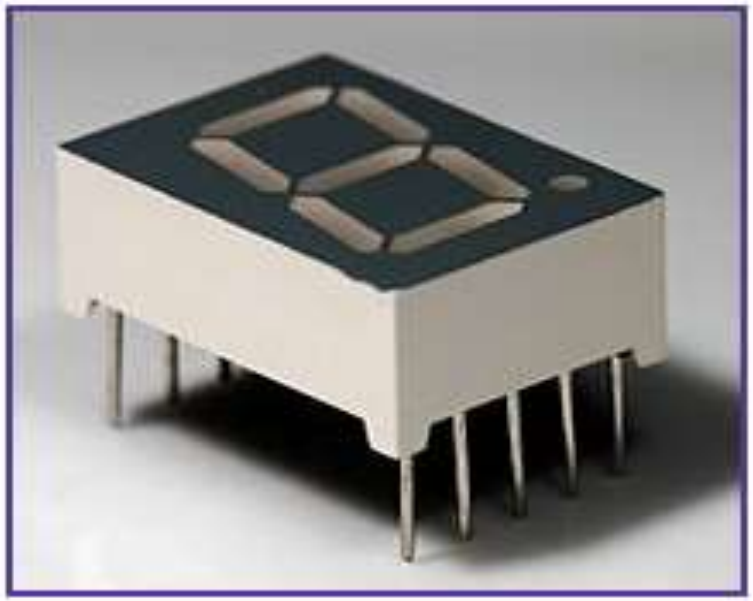
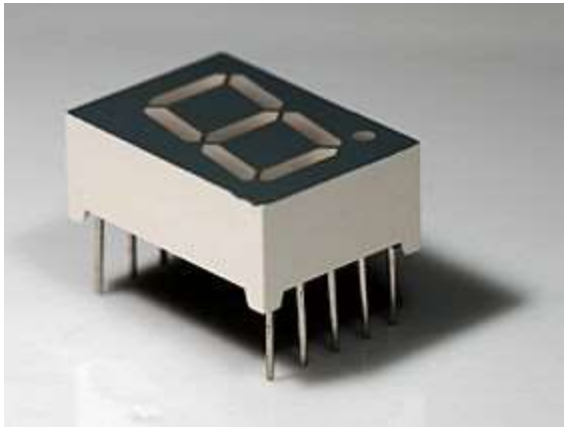
Segment Counter Display





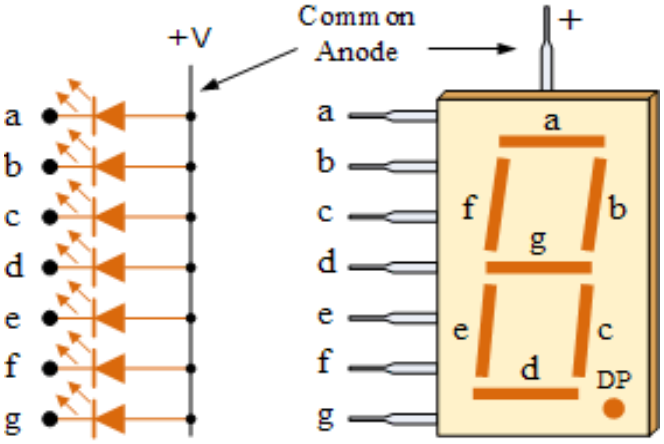
7 Segment Display

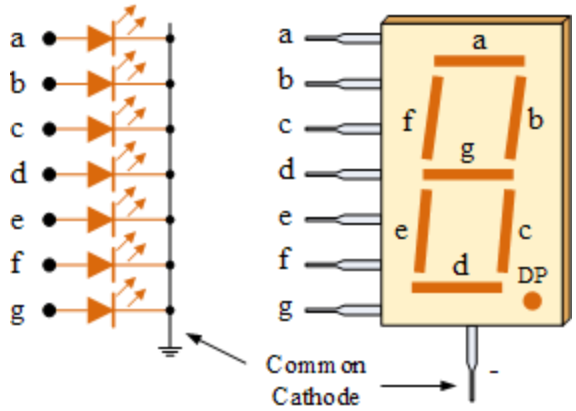
- A **seven-segment display** is a form of electronic display device for displaying decimal numerals that is an alternative to the more complex dot matrix displays.
- Seven-segment displays are widely used in digital clocks, electronic meters, basic calculators, and other electronic devices that display numerical information.



- The displays common pin is generally used to identify which type of 7-segment display it is. As each LED has two connecting pins, one called the “Anode” and the other called the “Cathode”, there are therefore two types of LED 7-segment display called:

1. Common Cathode (CC)
2. Common Anode (CA).



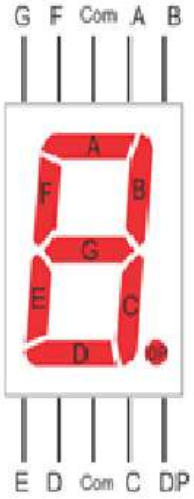


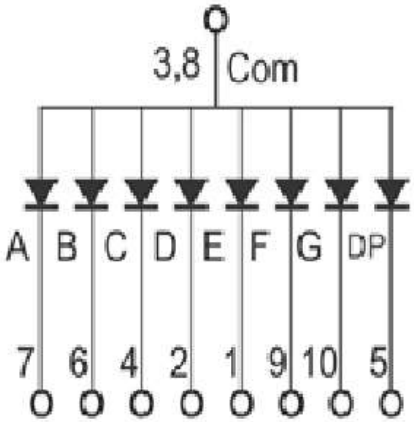
Components Required

- Arduino Uno
- Seven Segment Display
- 2 x 220 Ohm Resistors
- Jumper Wires
- Breadboard

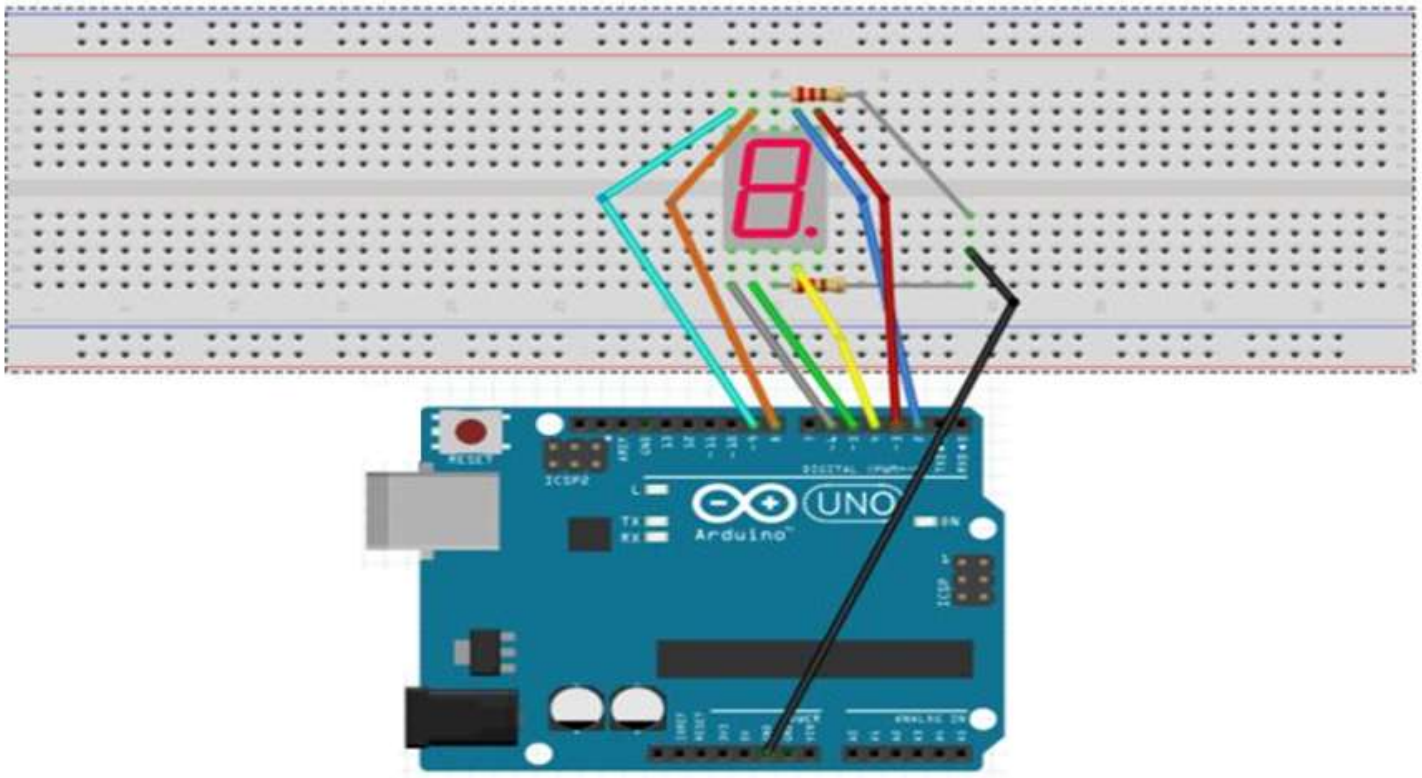
Connections

- Connect Arduino Pin 2 to Pin 9.
- Connect Arduino Pin 3 to Pin 10.
- Connect Arduino Pin 4 to Pin 4.
- Connect Arduino Pin 5 to Pin 2.
- Arduino Pin 6 to Pin 1.
- Arduino Pin 8 to Pin 7.
- Arduino Pin 9 to Pin 6.
- GND to Pin 3 and Pin 8 each connected with 220 ohm resistors.





Connection Diagram



Project Link : https://youtu.be/45k8G7tfPEs