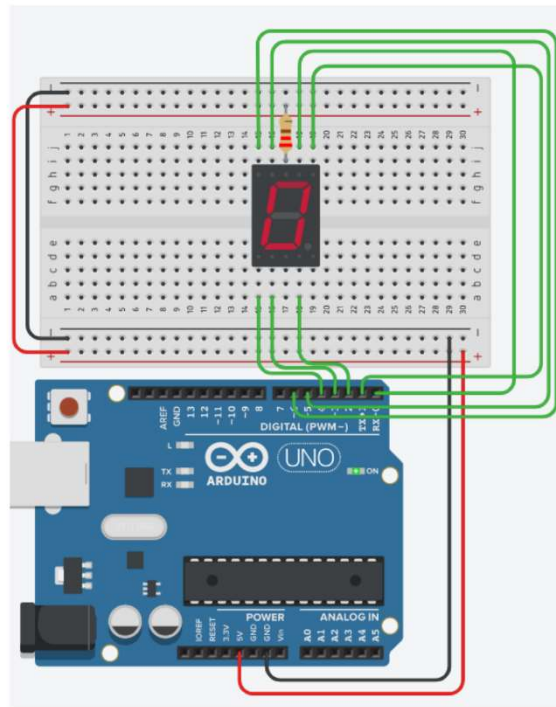


## Lab 4

1. Write a program that toggles PB5 every second (you can use the build in function `_delay_ms(double)`).
2. Connect a key to PC0. Check the key state. If the key is pressed, toggle PB5 every second. Otherwise, turn it off.
3. Write a code to display numbers from 1 to 9 on seven segment display with a delay of 1 sec between each number. Connect the seven-segment display as shown in the figure:



Notes on seven segments:

