- 1) Connect a Push-button switch with appropriate
 Pull-down resistor to Pin 8.
- 2) write code to toggle LED 13 on every press of the Switch
- 3) Notice how the Switch bouncing results In the CED NOT toggling Correctly
- 4) Update your Gde in (2) to Implement Software debouncing and very that it works correctly
- 5) update your code in (4) to taggle the CED on a negative-edge transition Le, When the button is released.
- 6) Write Code to toggle the CED by pressing a Key on the Key board. Report the CED slows back to the Computer Screen.
- Juse analog write () to Successively brighten
 your 200 on every button press until
 max brightness is achieved. Subsequent
 presses should successively dim the LED until
 it turns-off.