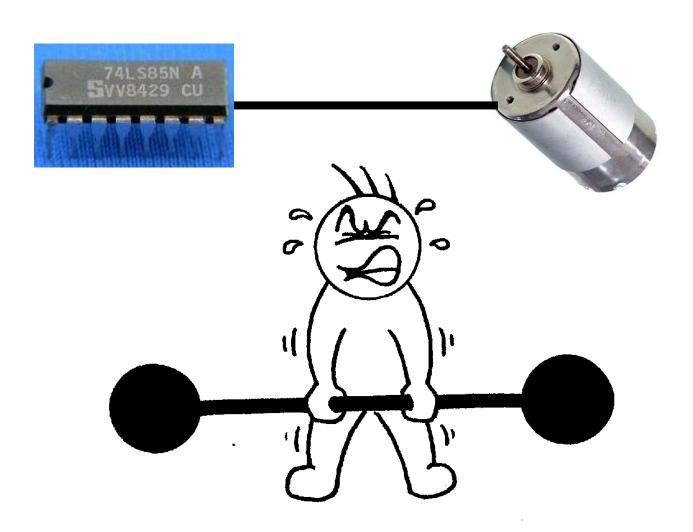
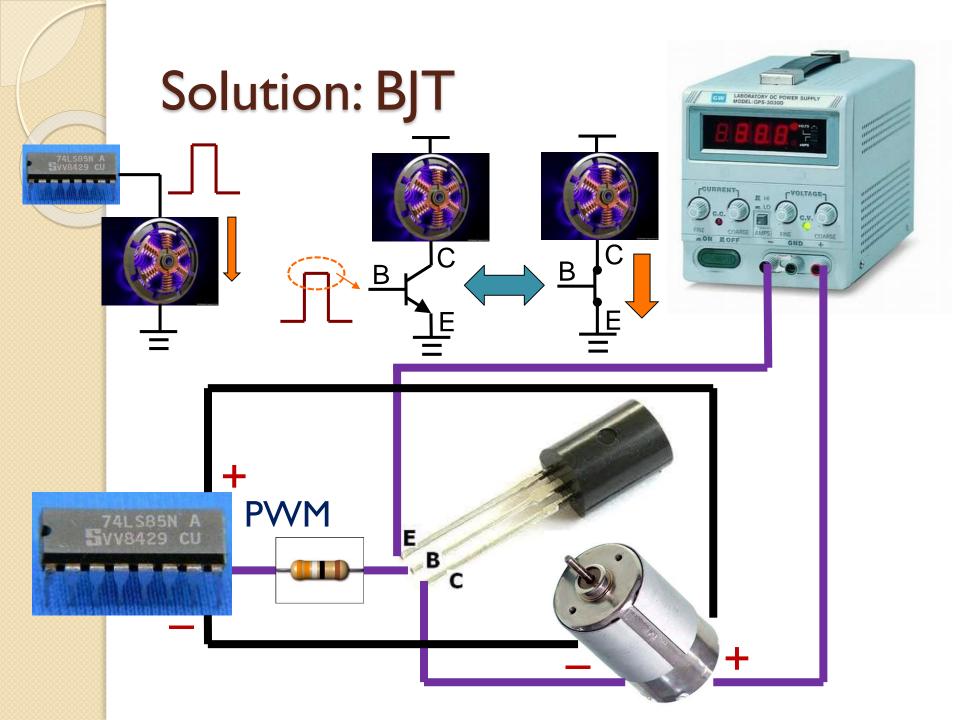


However, if you use the PWM signal on a motor, it will/may/will not work.

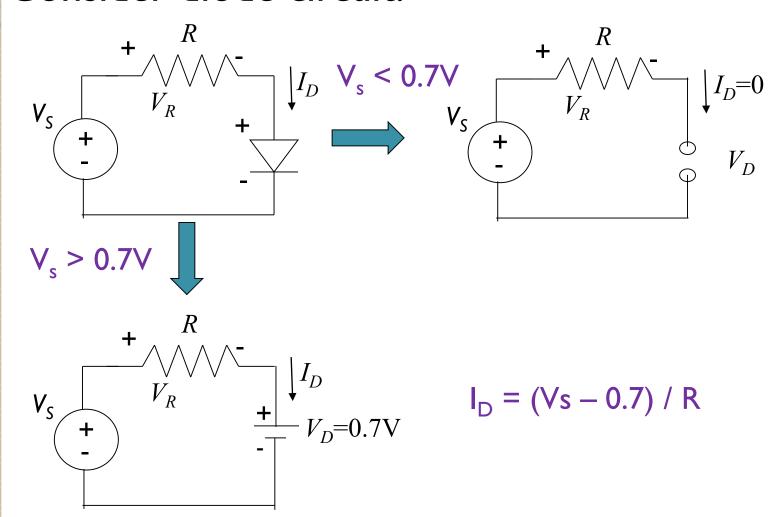
WHY?





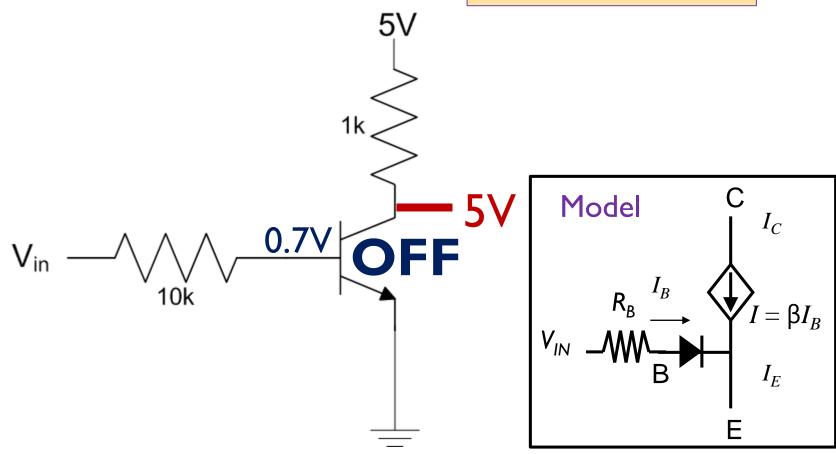
Diode is like a switch

Consider diode circuit:

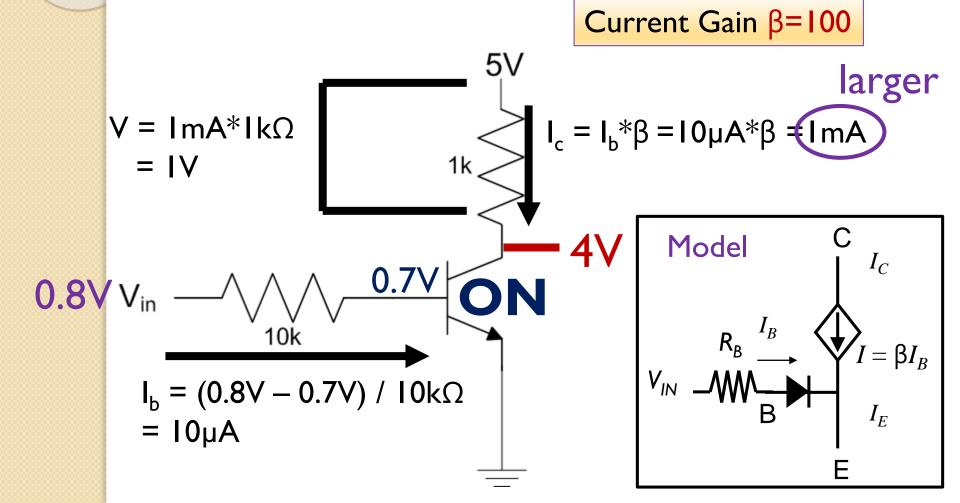


Consider this circuit:

Current Gain β=100

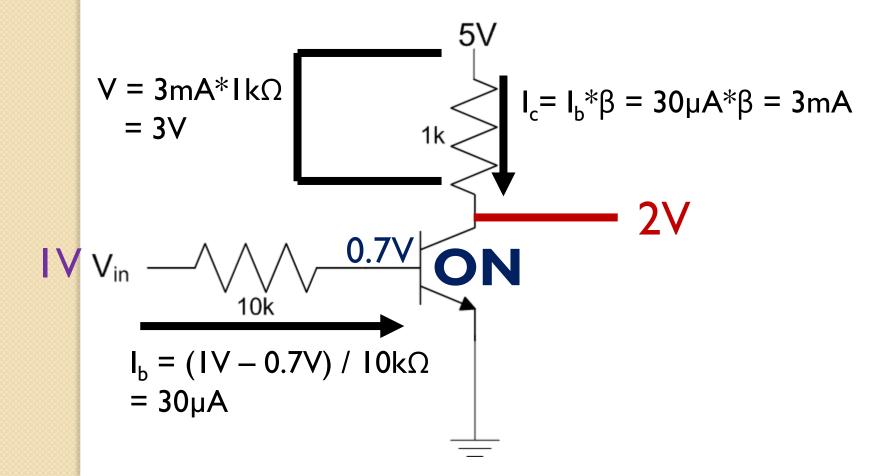


Consider this circuit:



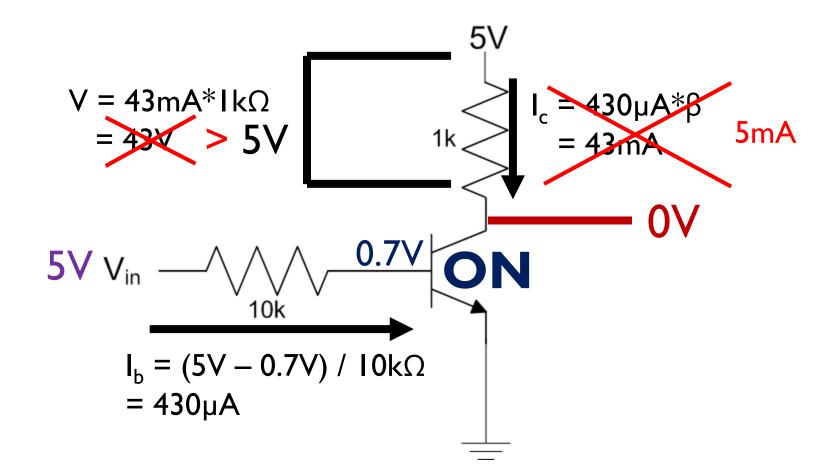
How about if V_{in} = IV?

Current Gain β =100



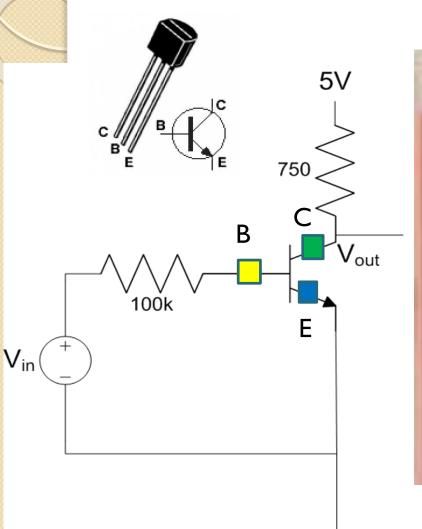
How about if $V_{in} = 5V$?

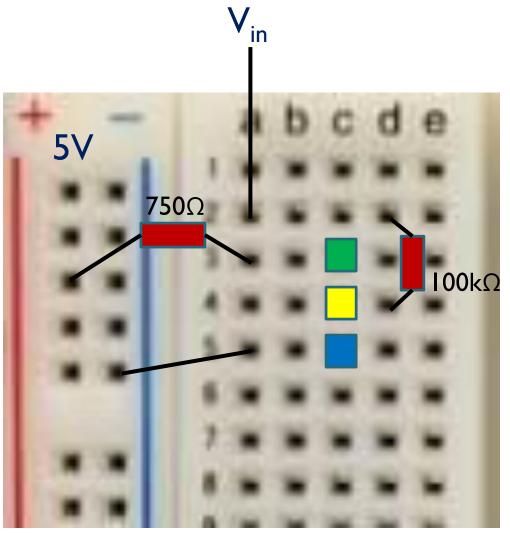
Current Gain β =100



Lab#04: Experiment 1

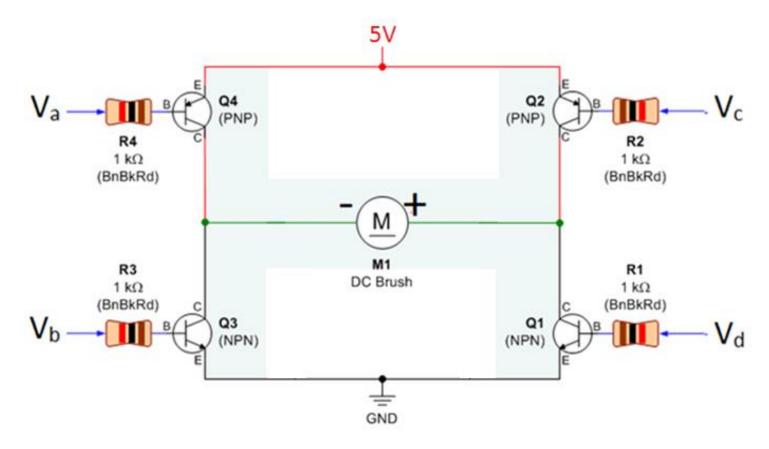
Breadboard





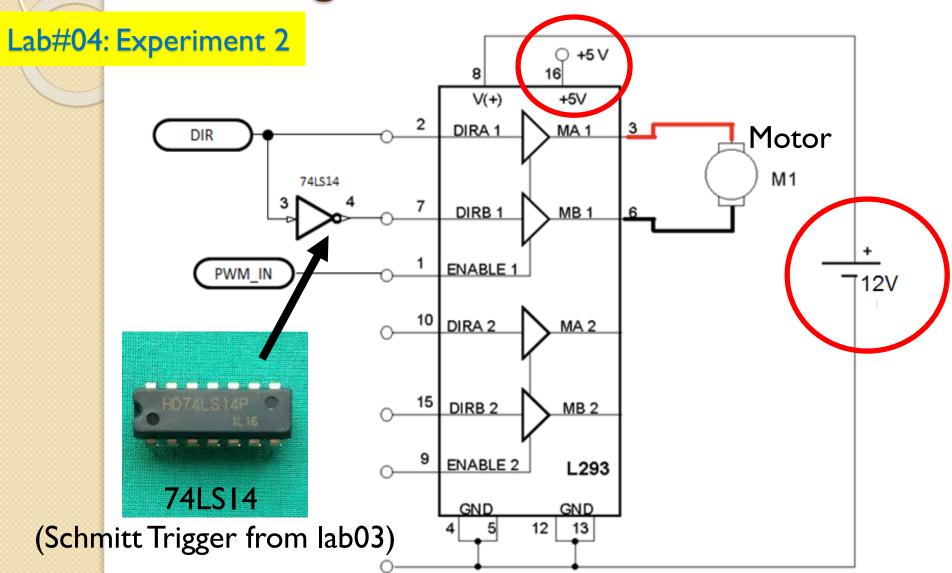
Lab#04: Prelab Q2

H-bridge



•
$$V_a = ? V_b = ? V_c = ? V_d = ?$$

H-bridge DC Motor Driver



Breadboard

Lab#04: Experiment 2

To PWM



5V or 0V

