



Computer Systems Engineering I

HW Lab 3

Assignment 1:

Connect the temp sensor according to the wiring diagram and initializes the timer interrupt. Print the temperature in Celsius on the display. Check by looking and heat the sensor with a fingertip.

Assignment 2:

Connect the light sensor according to the wiring diagram and initializes the ADC. Print the voltage on the display and test by shadow the sensor.

Assignment 3:

Connect the servo according to the wiring diagram and initializes the PWM. Check by pressing the button 1 the servo supposed to turn 10 degree. Button 2 should turn the servo to 20 degree and so on. Check by looking.