Tuan

**Question 3:**

int adc\_reading(void){

int reading = 0;

ADC\_CHANNEL = 0; // Select channel 0 of ADC

ADC\_START = 1;

if(ADC\_DONE){

reading = ADC\_DATA;

ADC\_DONE = 0;

}

ADC\_START = 0;

intr\_disable(); // No interrupts until ADC is started

if(ADC\_START){

intr\_enable();

}

}