Tuan

Question 3:

```c
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();
  }
}
```