Topic 3 : ADC



Problem 1 : An embedded system using ATMEGA32 working with 8Mhz. Write the C Program to The system interface with an analog input at channel ADC3, AREF=5V, left justified data, CLK/128 (using a variable resistor to make a voltage divider) the data will be displayed in PORTD ( LOW BYTE) . PORTC (HIGH BYTE) using Polling method ( or Interrupt method).

Problem 2 : Convert the C Code in Problem 1 into Assembly Code