

# **EE 2004**

## **Week 7 Tutorial**

### **1. Indirect addressing mode: Use of the file select registers (FSR)**

Write a program to copy the contents in data memory block address 0x020 to 0x07F to the data memory block starting from address 0x130 to 0x18F by using FSRs.

### **2. Table lookup**

Define an array with starting address 0x000500 in the program memory to store your student ID number. Each digit of your student ID number is stored in a byte. Then, write a program to copy the content from the program memory to the data memory starting from 0x040.