# 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.

1. 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.