

Birzeit University-Faculty Of Engineering and Technology
Electrical and Computer Engineering Department
EE4104 Simulation Lab.

Assignment I

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Question I

Write a program using PIC Micro C/Protues that edits your name on the first row of the LCD and your number on the second row. The program must rotate the characters of the first row (character by character) from right to left and the second column in the opposite direction.

Question II

Write a program using PIC Micro C/Protues that reads the output value of the A/D conversion relative to the input potentiometer. If the value is in the range (0-127) then the program switches on the first 3 leds. If the value is in the range (200-232) then the program switches on the last three leds. Otherwise, the remaining leds will be switched on.