

CSE 341 Lab Assignment 1 (Week 2)

Solve the following problems using your EMU – 8086 emulator.

1. Move 24h in register AX. Move 31h in register BX. Multiply the two numbers and store it in the register DX.
2. Do the following operation and store the result in your appropriate registers: 8A3 h / 12 h
3. Swap two numbers (0-9) between registers AX and BX without using a third register.
4. Solve: $A = -(A + 1)$, where A is a variable to be declared beforehand containing 18h as its value