CE 1911

Homework 13

1 – Identify the action performed by each instruction (use a format similar to the notes)   50pts

ADD RD, RC, RB

SUB RC, RD, RC

LDI RC, 0x24

ST RD,RB

LD RB,RA

2 - Encode the following commands into machine (instruction) code   50pts

ADD RD, RC, RB

| | | | | | | | | | | | | | | | | 0x | | | | |

SUB RC, RD, RC

| | | | | | | | | | | | | | | | | 0x | | | | |

LDI RC, 0x24

| | | | | | | | | | | | | | | | | 0x | | | | |

ST RD,RB

| | | | | | | | | | | | | | | | | 0x | | | | |

LD RB,RA

| | | | | | | | | | | | | | | | | 0x | | | | |