

CS1203

Assignment 6

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“I warrant that this is my own work”

1. In Pep/9 source code it would be:

LDWA 0x00FA, d

ADDA 0x0D45, i

STWA 0x00F6, d

Hex:

C1 00 FA

60 0D 45

E1 00 F6

Binary:

1100 0001    0000 0000    1111 1010

0110 0000    0000 1101    0100 0101

1110 0001    0000 0000    1111 0110

2.

a)

LDBA 0x0031, d

0B

b)

LDWA 0x0033, d

083F

c)

LDBA 0x0032, d

ADDA 0x0034, i

D7

d)

LDBA 0x0031, i

ADDA 0x0032, d

3. a)

LDBA 0x00F1,i

ADDA 0x00F2,d

0000 0001 1100 0010

b)

LDWA 0x00F3,

ADDA 0x0104,i

0010 1010 1100 1010