

Assignment 4

Calculate the output of the following

DFE34 + FFED1=.....

FFAAB+12EDA=....

FFAAA+3899D=.....

DFE34

FFED1

DFD05

Carry 1

FFAAB

12EDA

12985

Carry 1

FFAAA

3899D

38447

Carry 1

If CS= 24F6H and IP=634AH show:

- (a) The logical address
- (b) The offset address
- (c) The physical address
- (d) The lower range
- (e) The upper range of the code segment

2) 24F6:634AH

3) 634A

4) 2B2AA (24F60+634A)

5) 24F60 (24F60+0000)

6) 34F5F (24F60+FFFF)