**Assignment 3C**

1. A) smallest SDWORD -2147483648

B) array WORD 100 DUP (?)

C) str BYTE 20 DUP (“DVC”), 0

2. A) J is 404002h, K is 404006h, L is 40400Ah

B) The total number of allocated bytes is 13 bytes

C) 404000h = 01, 404001h = FF, 404002h = 10, 404003h = FF, 404004h = 00, 404005h = FF, 404006h = 56, 404007h = 34, 404008h = 02, 404009h = 00, 40400Ah = 43, 40400Bh = 56, 40400Ch = 44

3. A) EAX = 00000002h, AX = 0002h, AL = 02h

B) EAX = 00000009h, AX = 0009h, AL = 09h

C) EAX = 00000030h, AX = 0030h, AL = 30h

D) EAX = 0040400Ch, AX = 400Ch, AL = 0Ch

E) EAX = 00404016h, AX = 4016h, AL = 16h

F) EAX = 00404046h, AX = 4046h, AL = 46h

G) EAX = 0A302010h, AX = 2010h, AL = 10h

H) EAX = 0A3020ABh, AX = 20ABh, AL = ABh

I) EAX = 0A301020h, AX = 1020h, AL = 20h

J) EAX = 73657250h, AX = 7250h, AL = 50h