



Question 1

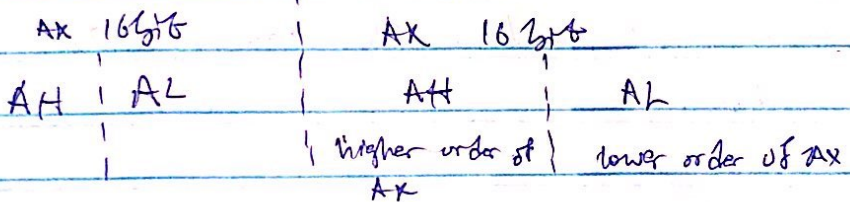
a The addresses coded in the instructions will have to be updated whenever new variables are inserted before existing ones.

b Objects .obj and Listing .LST files

Question 2

a Portability in programming languages is the ability of a program to run on other operating systems other than the original operating system.

c The lower 16 bits of the eax register can be referred to as AX register



3 b Main proc - The proc directive indicates the beginning of a procedure  
MOV AX, 47104 - The mov instruction copies the integer 47104 to the AX register.

ADD EAX, 1270 - This add instruction adds 1270 to the EAX register

MOV DS, AX - This mov instruction copies DS to the AX register.

main ENDP - The main ENDP is the exit statement. Indirectly calls a predefined MS-Windows function that holds the program

