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Obika

MATRIC No: 17/ENG02/058

Q1A Answer

Because of the address coded in the instructions would be updated when new variables was inserted before already existing ones.

Q1B Answer!

Obika

files produced by the assembler are object files.

Q2A

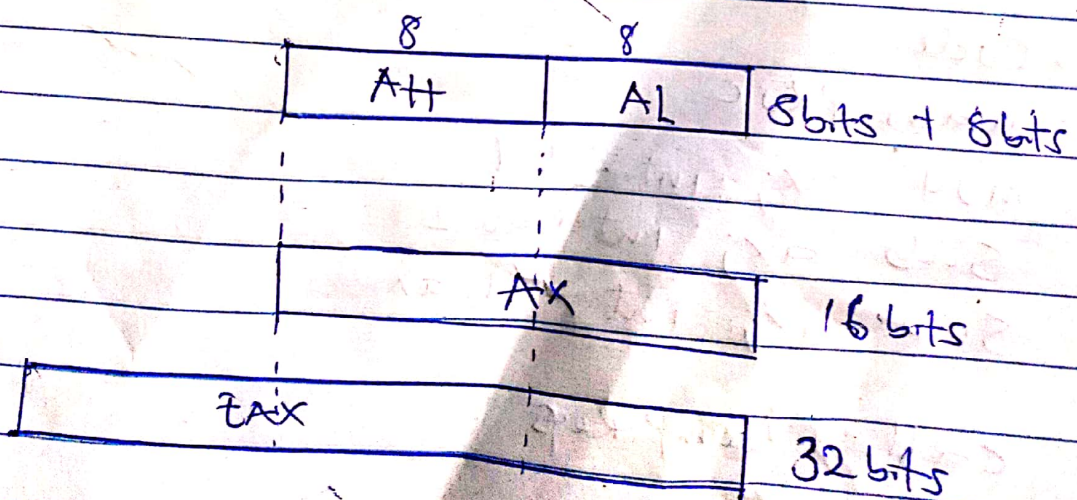
Obika

Concept of portability as it applies to programming languages.  
Answer: its a high level language whose source programs can be compiled and run on a wide variety of computer systems. that is said to be portable.

Q2B

No this is because they are different processors.

Q2C



Q3A.

*Chidin*

This is achieved by dividing the computer memory into Segments or sections.

it is achieved by the use of directives which are embedded commands in the source code. which are code, data and stack.

Q3B

Main proc; Shows procedure initialisation, the variable "main" : is used for naming the procedure that is executed.

Q4

*Chidin*

Title Subtracting three integers (Sub.asm)

Include Irvine32.inc

.data

int val 1 DWORD 2

int val 2 DWORD 5

int val 3 DWORD 1

result val ?

.code

main proc

mov ax, int val 1

sub ax, int val 2

sub ax, int val, ax

call DumpRegs

exit

main ENDP