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CLASS: BSSE (4th SEMESTER)

COURSE NAME: ASSEMBLY

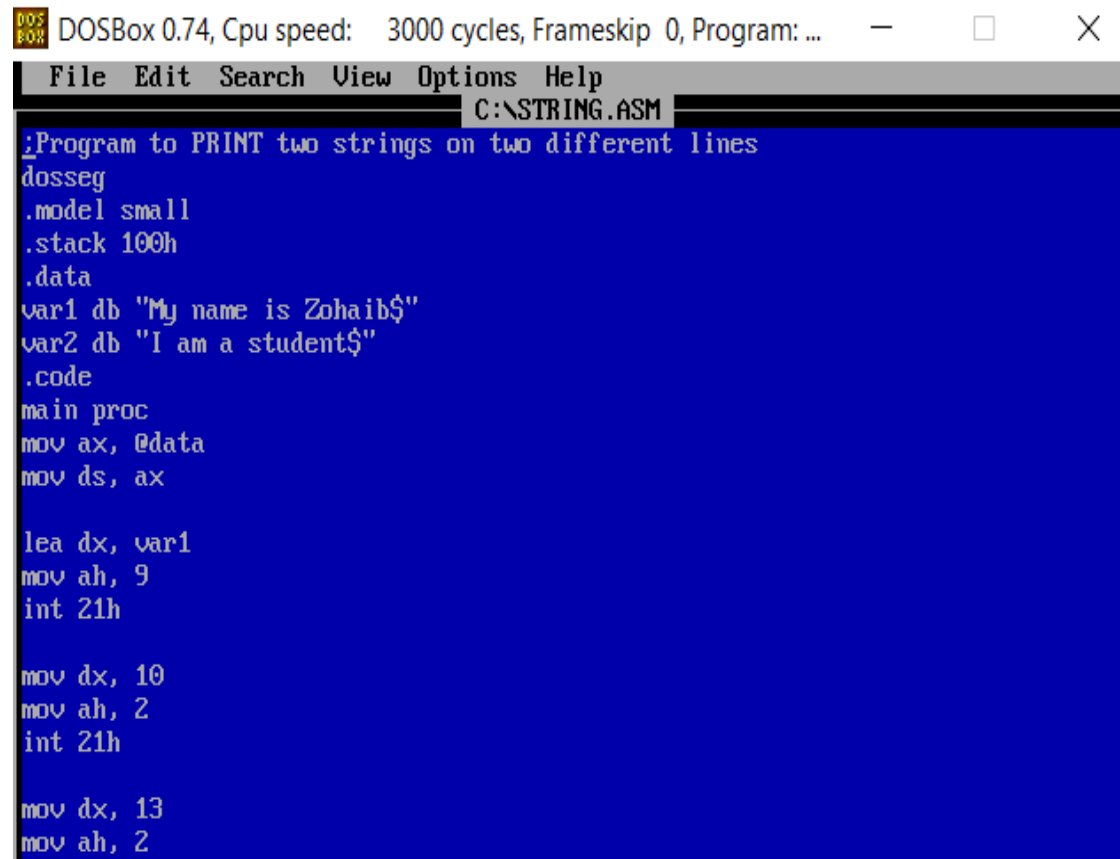
LANGUAGE

COURSE CODE: 402

DEPARTMENT: COMPUTER SCIENCE

1) Program to PRINT two strings on two different lines.

PROGRAM:



```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: ...
File Edit Search View Options Help
C:\STRING.ASM
;Program to PRINT two strings on two different lines
dosseg
.model small
.stack 100h
.data
var1 db "My name is Zohaib$"
var2 db "I am a student$"
.code
main proc
mov ax, @data
mov ds, ax

lea dx, var1
mov ah, 9
int 21h

mov dx, 10
mov ah, 2
int 21h

mov dx, 13
mov ah, 2
```

```
int 21h

lea dx, var2
mov ah, 9
int 21h

mov ah, 4ch
int 21h

main endp
end main
```

OUTPUT:

```
C:\>masm string.asm;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51698 + 464846 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\>link string.obj;

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

C:\>string.exe
My name is Zohaib
I am a student
C:\>
```