



Lab Quiz 2

Computer Organization and Assembly Language

Time Allowed	60 Minutes	Student Name
Maximum Marks	50 X 2 = 100	Roll Number
Lab Instructors	Hazoor/Rida	Date

1. Write a subroutine **CharacterTriangle** that receives 8 parameters: (X1,Y1), (X2,Y2), (X3,Y3) as Vertices of Triangle, C as color, K as character such as '+', '*', etc. The **CharacterTriangle** prints a character triangle of the specified color, position.
2. Write a program that copies the first 7 lines of AFD Introduction screen in last 7 lines, As shown below:

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX

Welcome to DOSBox v0.74

For a short introduction for new users type: INTRO
For supported shell commands type: HELP

To adjust the emulated CPU speed, use ctrl-F11 and ctrl-F12.
To activate the keymapper ctrl-F1.
For more information read the README file in the DOSBox directory.

HAVE FUN!
The DOSBox Team http://www.dosbox.com

Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>mount C E:\Google\FAST\DosBox_lab
Drive C is mounted as local directory E:\Google\FAST\DosBox_lab\

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For a short introduction for new users type: INTRO
For supported shell commands type: HELP

C:\> adjust the emulated CPU speed, use ctrl-F11 and ctrl-F12.
```