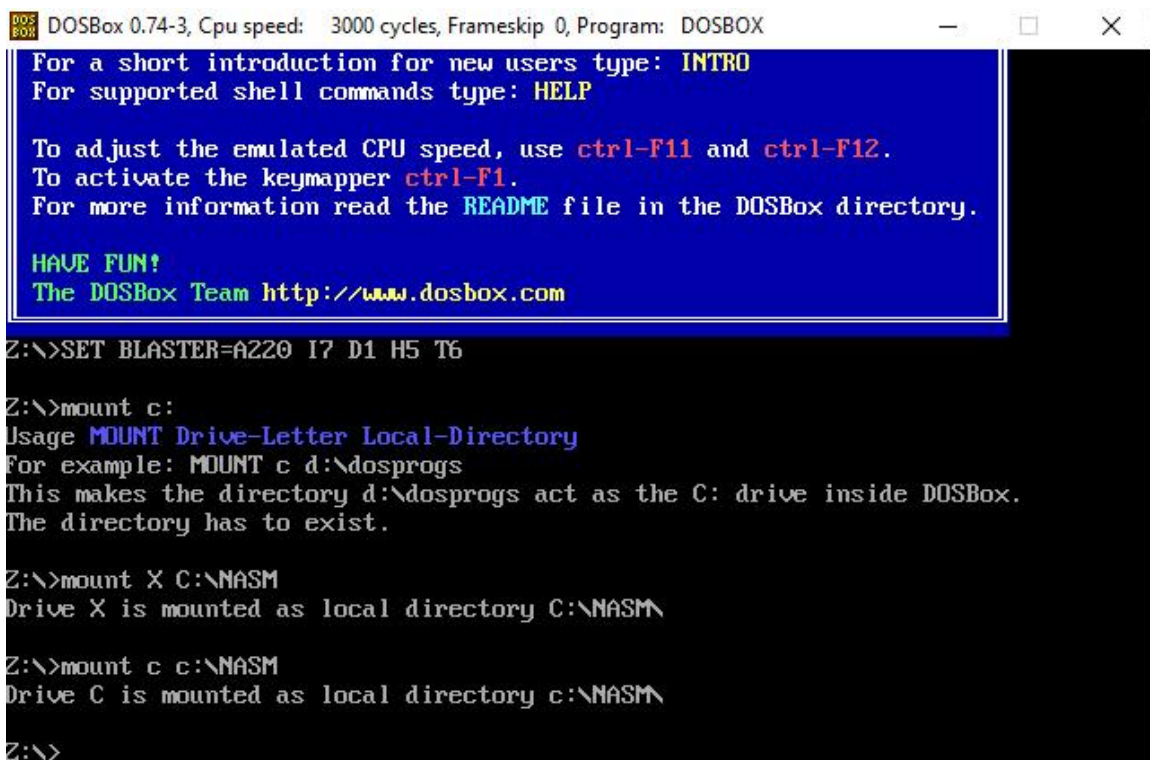# Coal Lab

Task Number :01

Step Number : 01

So First we download the DosBox by just using setup.exe file and by doing so we have installed the DosBox in our desired folder.

Step Number : 02

After that we open DosBox and then mount the C drive with the folders in it like navigate them.
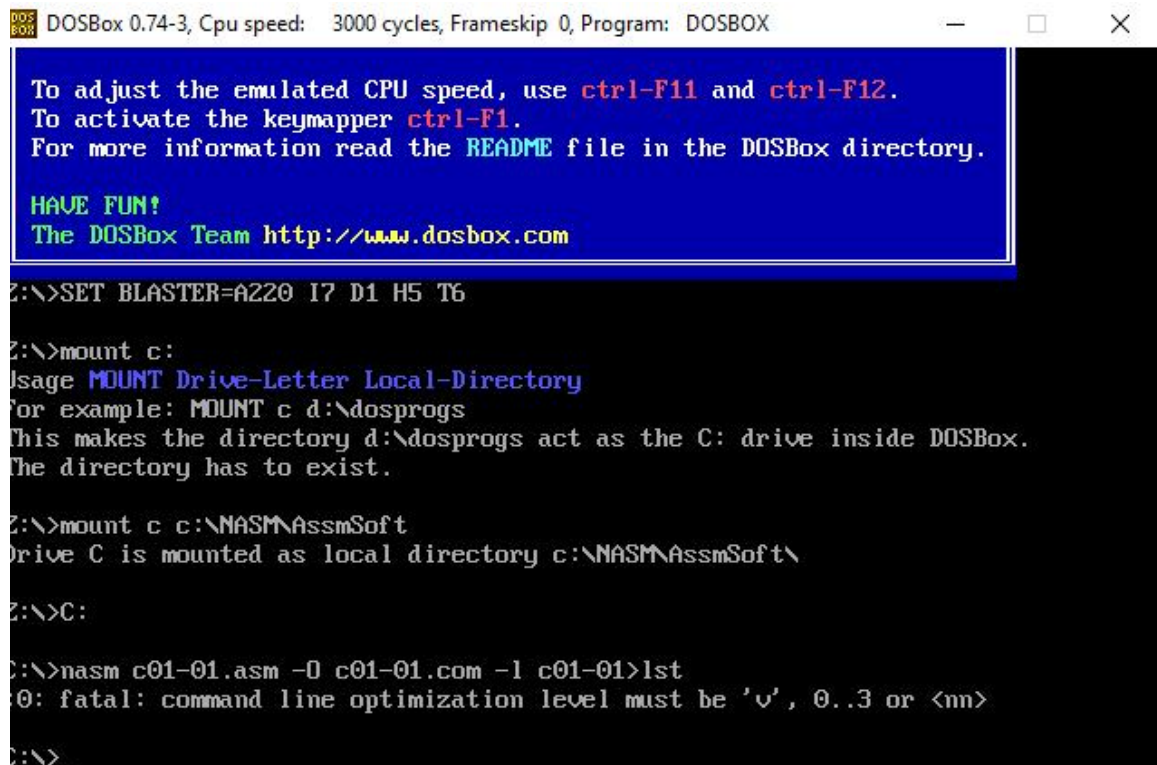
Step Number : 03

Then we go navigate back to C drive and use asm command to get .lst extension file.

   Note: (I used that command but it was giving me errors)

Step Number : 04

At last use to get GUI Supported Advance Debugger.The command is given in pic below.

```
AX 0000    SI 0000    CS 19F5    IP 0100     Stack +0 0000   Flags 7202
BX 0000    DI 0000    DS 19F5                      +2 20CD
CX 0000    BP 0000    ES 19F5    HS 19F5           +4 9FFF   OF DF IF SF ZF AF PF CF
DX 0000    SP FFFE    SS 19F5    FS 19F5           +6 EA00    0  0  1  0  0  0  0  0

        L {/P} {/addr} filename {parameter}
CMD >L  0-01.com                              1        0  1  2  3  4  5  6  7
                                              DS:0000  CD 20 FF 9F 00 EA F0 FE
        File not found                        DS:0008  AD DE 1B 05 C5 06 00 00
0100 7412          JZ      0114               DS:0010  18 01 10 01 18 01 92 01
0102 8B46F2        MOV     AX,[BP-0E]          DS:0018  01 03 01 00 02 FF FF FF
0105 D1E0          SHL     AX,1                DS:0020  FF FF FF FF FF FF FF FF
0107 9ACF27A201    CALL    01A2:27CF           DS:0028  FF FF FF FF EB 19 C0 11
010C 89C3          MOV     BX,AX               DS:0030  A2 01 14 00 18 00 F5 19
010E 89D0          MOV     AX,DX               DS:0038  FF FF FF FF 00 00 00 00
0110 89DA          MOV     DX,BX               DS:0040  05 00 00 00 00 00 00 00
0112 EB04          JMP     0118               DS:0048  00 00 00 00 00 00 00 00

2        0  1  2  3  4  5  6  7    8  9  A  B  C  D  E  F
DS:0000  CD 20 FF 9F 00 EA F0 FE   AD DE 1B 05 C5 06 00 00   =  ƒ.Ω≡■   ¡ .. ...
DS:0010  18 01 10 01 18 01 92 01   01 03 01 00 02 FF FF FF   ......ƒ.    .....
DS:0020  FF FF FF FF FF FF FF FF   FF FF FF FF EB 19 C0 11                δ. .
DS:0030  A2 01 14 00 18 00 F5 19   FF FF FF FF 00 00 00 00   ó.....J.       ....
DS:0040  05 00 00 00 00 00 00 00   00 00 00 00 00 00 00 00   ........    ........

1  Step   2ProcStep 3Retrieve 4Help ON  5BRK Menu 6        7 up  8 dn  9 le 10 ri
```