

OPERATION SYSTEM LABORATORY WORK



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Command Prompt
=====
Bochs is exiting with the following message:
[VGUI ] Window closed, exiting!
=====

Bochs is exiting. Press ENTER when you're ready to close this window.

C:\OS\Bochs-2.3.5\dos>cd "C:\os\lab\lab1"

C:\OS\LAB\LAB1>s

C:\OS\LAB\LAB1>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
=====
                        Bochs x86 Emulator 2.3.5
                        Build from CVS snapshot, on September 16, 2007
=====
0000000000i[      ] reading configuration from bochsrc.bxrc
0000000000i[      ] installing win32 module as the Bochs GUI
0000000000i[      ] using log file bochsout.txt
# In bx_win32_gui_c::exit(void)!
=====
Bochs is exiting with the following message:
[BIOS ] No bootable device.
=====

C:\OS\LAB\LAB1>s

C:\OS\LAB\LAB1>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
```

STEP:

1. cd OS
2. Setpath
3. cd LAB/LAB1
4. Make fp.disk
5. Del floppy.img
6. Bximage -> fd, 1.44, floppy.img
7. Dosp->format B:
8. Tdump boots.bin
9. Type s.bat
10. S
11. Dosfp -> format B:/S
12. Done

EXPLANATION

- | | |
|-------------------|--|
| 1. cd OS | : to enter into the work directory |
| 2. Setpath | : to set the work space (path) when I do the practice |
| 3. cd LAB/LAB1 | : my work directory |
| 4. Make fp.disk | : to make a compilation for code source program |
| 5. Del floppy.img | : to delete the floppy.img file which already in directory |

6. Bximage : to call another window that located in C:\
7. fd, 1.44, floppy.img : to make floppy with the biggest capacity '1.44MB' and named it as floppy.img
8. Dosfp->format B: : run the PC-Simulator from Coomand Prompt and located in drive B :
9. Tdump boots.bin : to show the data series
10. Type s.bat : to look into file s.bat that already in the work directory which used for PC=Simulator
11. S : to show windows "Bochs for windows - display"
12. Dosfp -> format B:/S : call the PC=Simulator and ended the format process
13. Done