

This assignment covers the X Window system.

Examine the manual entry for the configuration file (`xorg.conf`).

1) What configuration option disables the action of the control-alt-backspace combination.

In `/etc/X11`:

Examine the `xorg.conf-vesa` configuration file. The manual entry for `xorg.conf` will also be helpful.

2a) How many different mouse protocol options available?

2b) If this file were to be used, what protocol option would be used for the mouse?

Examine the initializations for `xinit`.

2c) How is the default window manager set (use `ls`)?

Verify this by starting X as `bob` (use the `startx` command).

In the log directory:

Examine the `Xorg.0.log` file (It was created when you started X in question 2.)

3a) What mouse input device was found?

3b) What is the best Modeline supported by the monitor (VGA1)?

3b) What keyboard layout was chosen? (`xkb_layout`)

Examine the device file system (use `ls`):

4) What device does `/dev/mouse` link to?

In the `djv` account home directory:

Examine the `.xinitrc`:

5a) What window manager is used by this account?

5b) How many windows are display when this account starts X?

Examine the `.twmrc`:

A button has been set up that raises a window (to be on top of the other windows).

5c) Report the button and the line that does it?

On your system as root:

Modify the default `fvwm` settings to automatically start two 80x24 xterm windows in the upper left and lower right of the screen. Also modify the settings so the background is solid yellow.

6a) Report the name of the file and the modifications you made to that file?

Modify the default window manager to be `twm`.

Verify this works by starting X as `bob`.

6b) How did you do this?

Modify the default back to `fvwm`.

Verify you did this this by again starting X as `bob`.

On your system (the user login doesn't matter):

Run the `xvidtune` program.

7a) What are the horizontal and vertical display resolutions? (`HDisplay`, `VDisplay`)

7b) What is the vertical synchronization rate?

On your system as `sue`:

Modify `sue`'s account so it (a) uses `twm` as the window manager instead of the default manager (b) automatically starts an xterm in the upper left and (c) sets the background to solid red.

Verify by starting X as `sue`.

8) Report the name of the file you created and the contents of that file.