Assignment Write a one-page text description of your project and send it to me in an e-mail.

Recall that the following are options for the project:

I. Write a C (or C++) program which uses the Xlib. This could be a program which directly makes Xlib calls (lots of work), or uses a toolkit (e.g. the Athena Widgets or Motif toolkit), or a program which uses a graphics package that runs over X (e.g. OpenGL).

II. Write a term paper (of at least 8 pages) which compares the X Window System with a proprietary windowing system (such as Microsoft Windows or MACintosh finder). Your discussion should include, but not be limited to, market cost, software support, ease of configuration and maintenance, customizability, reliability and robustness, and the third-party market. You will be graded on how well you justify and support your conclusions.

III. Go to web pages http://www.x.org (which is currently providing stewardship of the X Window System) and http://www.opengroup.org which is an industry consortium and which facilitates the operations of x.org, and try to figure out what direction the X Window System is likely to take in the future. You may also want to consult http://www.xfree86.org which is an honorary member of x.org and which provides X Window System support to Linux.

IV. If you don’t like the preceding types of project, you may propose a different one with the consent of the instructor.