

# Computer Engineering 176: Lab Assignment 1

During this lab, you will download and compile two packages that we will be using later in the quarter. Since this is the first lab of the quarter, the steps are very explicit. Subsequent labs will have less step-by-step instructions. If you are not familiar with the UNIX commands used, you will need to read the manual pages. If you need further assistance, ask the Teaching Assistant. This assignment is to be completed during lab.

1. Download the latest versions of the `rsc` and `cvs` packages from the GNU site `ftp.gnu.org`. The `rsc` package can be found in `/pub/gnu`; the `cvs` package can be found in `/pub/non-gnu`.
2. Uncompress the `rsc` package using `gunzip`.
3. Unpack the resulting archive file using `tar`.
4. Delete the archive file (*not* the package file).
5. Configure the package. You may need to read the `INSTALL` file for details. You will need to install the packages under your home directory.
6. Compile the package using `make`.
7. Install the `rsc` package.
8. Repeat the above steps for the `cvs` package.
9. Add the directory containing the installed binaries to your `PATH`.
10. Demonstrate to the Teaching Assistant that you have completed the steps by showing him the installed binaries, then answer the questions provided.

