Instructions for Submitting Project 2

This project will require a number of files, so submission will require some extra steps.

Make sure that every file that you submit has your name, section meeting time, and instructor name in a comment at the top.

Copy your files to RCS:

Copy all of the files that you will submit to RCS. This will include a readme file and any file with a `.cpp` suffix or a `.h` suffix, but *not*, I repeat *not* files with a `.exe`, `.dsp`, `.dsw` `.ncb` or `.opt` suffix.

Your submission must include a text file called `readme.txt` This file must include your name, section meeting time, and instructor name. In addition, it **must** include a list of all the inplementation files and any special instructions that the TA will need to know in order to run your program.

Example:

```
Snoop Doggie Dog
Section 8: Thursday, 6 PM
Eric Breimer

binary_tree.h
huffman_codec.h
huffman_codec.cpp
main.cpp

To run the program type
huffman encode infile compressed-file
or
huffman decode compressed-file outfile
```

Create a tar file:

Login to a Unix system and do the following:

Create a `tar` file. Tar is an acronym for Tape Archive. To create a tar file, use the tar command with two flags `c` (for create) and `f` (for file), followed by the file name of the tar file (it should have a `.tar` suffix) followed by the names of all of the files that you want to send. For example the following command:

```
tar cf temp.tar myfile.h myfile.cpp readme.txt
```

creates a tar file called `temp.tar` which contains three files, `myfile.h, myfile.cpp` and `readme.txt`.

You will need to check to make sure that the tar file is correct. The best way to do this is to copy the tar file to another directory and run the following command: `tar xf temp.tar` After running this command, the files `myfile,cpp, myfile.h` and `myfile.rc` will be in the new directory. Here are the unix commands to do this:

```
mkdir newdir
cp temp.tar newdir/temp.tar
cd newdir
tar xf temp.tar
```

The first line creates a new directory called `newdir`, the second copies the tar file to the new directory, the third line makes `newdir` the current directory, and the fourth line extracts the files.

Copy the tar file:

The submission directory is `/dept/cs/cs230/project2/`. In the submission directory are sub-directories for each section. Copy your tar file to the proper sub-directory. For example, if you are in section 8, copy your tar file to `/dept/cs/cs230/project2/section8`. The name of your tar file must be *login*`.tar`, where *login* is your RCS login. For example, if your login name is `snoopd`, your tar file must have the name `snoopd.tar`. If you want to update your submission, the name of your tar file must be *login*`-2.tar`. Keep incrementing the number every time you want to update your file. Therefor, the name of your third update should be *login*`-3.tar` and your fourth update should be *login*`-4.tar`.

Use the unix copy command `cp` to copy your submission. For example:

```
cp temp.tar /dept/cs/cs230/project2/section8/snoopd.tar
```

Please, make sure you copy your tar file into the subdirectory for your section and verify that the name of your tar file is your RCS login. **You will not recieve credit for your submission unless you follow the submission guidelines.**

Check list:

- Make sure the name of your tar file matches your RCS user id.
- Make sure you submit to the proper section.
- Make sure your tar file includes all .h and .cpp files.
- Make sure all your files are text before you use tar.