

Purpose: This assignment covers backups and termcap.

### Backups—

**tar:** Make a tar back up of the home directory of your user (bob) to your floppy disk. Confirm that the backup was made using the `t` option. Note: This is a tar floppy, it does not have a directory structure, so no `mkfs` should be done; all information on the floppy before the tar will be destroyed. After the you do the backup, your floppy looks like a tape.

1) Submit: the sequence of commands from login up through the tar command that lists the tar contents.

**tar, extracting an archive:** Login as root, this puts you in `/root`. Extract the contents of the compressed tar file `~djv/giant.tgz`, preserving the permissions. (Note, this should build a directory called `giant` inside `/root`.)

2) Submission: The exact command you used. Inside `giant` there are three subdirectories, submit: the names of these three directories. (This lets me know you unwound the archive.) Pick any of these subdirectories, you will find a file inside it, submit: the name of the file, who owns the file, what group the file belongs to and the access rights (the `rwX` stuff) for the file. (This lets me know you preserved permissions.)

As root, extract the contents of the compressed tar file `~djv/house.txz`, preserving the permissions. (Note, this should build a directory called `house` inside `/root`.)

3) Submission: The exact command you used. The contents of the file called `wolf`.

**Encryption:** The file is encrypted using gpg with the passphrase `troll`. Decrypt the file `~djv/joe.cr`.

4) Submit: the contents of the file.

### Terminals—

5) Termcap. On the linux console: what sequence is used to start underlining?

6) stty. On the linux console: what key is used to stop (pause) the output to the screen? What command would you give to define control-Y to be the key used to stop the output?