

## How to Turn-In Homework #1

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This handout is a supplement to Homework #1 which explains how you should hand it in. You will turn it in electronically by copying the relevant files to a specific directory on cosmos. As specified in Homework #1, you should turn in your reduced FITS images, an IRAF script listing the tasks that you used to reduce the raw images, and a text file containing your answers to the analysis questions.

You will use the UNIX command `tar` to consolidate all of the files that you wish to submit into a single file (often called a “tarball”) that you can copy into my directory. The `tar` command stands for “Tape ARchive” and is a relic of the days when data was backed up by writing it to magnetic tapes. Fortunately, the command also lets you copy the commands to a single archive file. For more information, type `man tar` from a UNIX terminal. Detailed instructions for how to use this command to turn in Homework #1 are below.

### Turning in Homework #1:

To turn in Homework #1, follow the following steps from a UNIX terminal (i.e., **not** from IRAF):

1. Create a directory called *yourname* (e.g., my directory would be called `keeney`) and copy all of the files that you want to submit into it.
2. Create a tarball using the command `tar cvf yourname.tar yourname` (e.g., I would run `tar cvf keeney.tar keeney`). This will copy all of the files in the directory *yourname* into a tarball called *yourname.tar*.
3. Compress your tarball to make it smaller using the `gzip` command by typing `gzip yourname.tar`. This will turn the file *yourname.tar* into one called *yourname.tar.gz*.
4. Finally, copy *yourname.tar.gz* into the directory

`/raid/home/grad/keeney/astr3520/inbox/.`

Congratulations, you’re done!