Useful details: `~st10/328submit`

When you create files for CS 328 assignments on nrs-projects, you will submit them on nrs-projects, using a tool described below, `~st10/328submit`. (Since the files are on nrs-projects, this is convenient -- there is no need for you to transfer files from nrs-projects to your computer for every submission. You only need to transfer those files to your computer for your own backups.)

If, for some assignments, you are asked to create files on a computer other than nrs-projects, I may specify that those be submitted to Canvas. (And in that case, you won't have to transfer these files to nrs-projects to submit them.)

And, every handout requiring submissions will specifically say how its files are to be submitted, whether using `~st10/328submit` or submitting them to Canvas.

To turn in files on nrs-projects...

...is basically a 3-step process:

1. Connect/log on to nrs-projects using `ssh` .

   – See the handouts "Connecting to nrs-projects and sqlplus" and "Useful details: `ssh` and `sftp`" for help with using `ssh` to connect to nrs-project.

2. `cd` to the directory/folder containing the files you want to submit.

   – See the handout "Useful Linux Commands" for descriptions of the `cd` command and some other useful Linux commands.

3. Run the program `~st10/328submit` **while in that directory/folder** to submit/turn in those files.

Additional notes:

- `~st10/328submit` will ONLY grab files in the **current** directory that have particular suffixes.

   – So, it is a good idea to use the `ls` command to list the files in the current directory before you run `~st10/328submit`, to double-check that the ones you wish to submit are there.

   – If your files are in multiple directories, run `~st10/328submit` in **each** of those directories.

- When you run `~st10/328submit`, it will ask you to enter the homework or lab number that the files are being submitted for (the number to use will be specified in each assignment).

- It will also ask if you want to submit **all** of the appropriate-suffixed files in the current directory -- I strongly recommend you answer **y** for yes, because I don't mind if I get a few extra files, and it is very easy to leave out a file you mean to submit otherwise.

- It will list the files that were submitted -- **make sure** that you see the files you planned to submit included in that list!

- A copy of the files you submitted is stored in a directory named `submitted` in your current directory (in a zipped tar archive file named based on your username, the homework/lab number, and the current date and time). Keep this copy until this work's grade is posted on Canvas.

- As noted at the end of `~st10/328submit`'s output:

  "You can use `~st10/unziptar_all` to create an unzipped/untarred directory containing copies of the files you submitted".

  That is, you can:

  – `cd` to the directory named `submitted`

  – Run:

    `~st10/unziptar_all`

  – Now you have copies of the files from each of your submissions, within a sub-directory named based on your username, the homework/lab number, and the date and time of that submission.