

# Common commands, logging into a server and sharing files

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## Accessibility Notice

This document is also available in HTML format at:

<https://aholdengouveia.name/IntroLinux/labs/commoncommands.html>

The HTML version provides enhanced accessibility features including keyboard navigation, screen reader support, responsive design, dark mode support, and high contrast options.

## Objectives:

- Demonstrate logging on, moving files to and from the local system to the server

## Complete the following problems

References, a video, a PowerPoint and some notes are available at my website <https://www.aholdengouveia.name/IntroLinux/commoncommands.html>

The lab report will include screen shots as evidence of completion.

If you are my current student, Resources for the server can be found from the menu item "Server Access Information" on your LMS

## Steps for the lab

1. Use puTTY or SSH to connect to the server (or do this on your own Linux system) If you need help using SSH or SCP I made a video on how to do that on my YouTube channel. SCP? SSH-ut the front door!  
<https://youtu.be/w3y0QFZJMT0>
2. Login to your account (Information from Instructor posted to LMS)
3. Test by logging off and logging in again
4. Use `ls` and `ls -a` to see what is in your home directory. Make three empty files called `foo1` `foo2` and `foo3` using `touch` and use `ls` again. Take a screen shot.
5. Create a sub-directory called `Lab0` and `cd` to the subdirectory and create three more files using `touch` called `bar1` `bar2` and `bar3`. Use `ls` and take a screen shot
6. Create three text files in the local system using notepad, call them `localfoo1`, `localfoo2` and `localfoo3`. Put different texts in each file. Add your name and date to the top of each file
7. Using WinSCP, FileZilla or other SCP client of your choice in the local system move the three `localfoo` files to the server. Take a screen shot.
8. Use `ls` on the server to show that the files are in the server; use `cat` to display one of the files and take a screen shot.

## Deliverables

One file should be submitted, it should have the lab title, your name and date, and include each of the screen shots with a one sentence description of what is in the screen shot.