

How to use turnin on lectura

As stated in the syllabus, we are requiring all students to use the turnin command on lectura, rather than using the turnin procedure on the Windows systems. This will greatly facilitate testing and grading the programs, enabling a faster turn-around. This page contains the instructions for turning in your program on lectura from the CS department Windows systems.

- Starting assumption: you are logged into a WinXP system in one of the CS department computer labs. You have your program, prog1.s, on the C: drive, on a floppy (A: drive), on a CD, or on a USB “thumb” drive.
- Open the H: drive. I suggest that you create two folders in the H: drive. The first folder will be named 380. The second folder will be inside 380 and named assignment1. I will assume below that you are using 380/assignment1. You may use different names. If you do, substitute those names for 380/assignment1 in what follows.
- Copy your prog1.py file to the H: drive by dragging it into the 380/assignment1 folder you created in the previous step.
- Log into lectura:
 - Double-click the Connect to Lectura icon that is on the WinXP desktop. This will start the SSH Secure Shell client.
 - Under the File menu, choose Quick Connect...
 - A pop-up window should appear that already has the machine name for lectura filled in (lectura.cs.arizona.edu). You need to fill-in your login name. Then, click Connect.
 - A pop-up window will appear, asking for your password. Enter the same password that you use on the WinXP machines. Click the OK button when you have entered the password.
 - Be patient, it may take a minute or so for the login to complete. The window will print the welcome banner from lectura and leave you with a prompt and cursor.
- Change to the directory where you copied your prog1.py file. I am assuming it is named 380/assignment1. The command is:

```
cd 380/assignment1
```
- Execute the turnin command for your prog1.s file:

```
turnin 380assignment1 prog1.py
```
- You should see the following response from turnin:

```
Turning in:
  prog1.py -- ok
All done.
```
- If you do not get an error message, you are now done. If you wish, you can confirm what has been turned in with the command:

```
turnin -ls 380assignment1
```

- You should see something similar to (but not exactly the same as):

```
.:
total 16
-rwxrwx---  1 patrick  cs380      4216 Sep 12 23:07 prog1.py
```

- The size, 4216, will be different — this is the count of the number of bytes in the prog1.py file. The date and time will be when you ran the turnin command.
- Repeat the above sequence if you need to make corrections to your file. turnin will replace an earlier copy with the current version. We will only see the last version that you turnin.

From Home using Windows:

If you are doing this from a Windows machine at home (or any location other than in one of the CS department's computer labs), you will need to get the SSH Secure Shell software. The software is not installed by default on Windows systems. It is available for no cost from CCIT's sitelicense software web page: <http://sitelicense.arizona.edu/>. Click on *No Cost Software*. You want the item *SSH Secure Shell*. You will need to download and install the software following the instructions on the web site.

The references above to the **H:** drive will not apply to a home machine. You should create a directory on your machine for use with your cs380 programs, and put your **prog1.py** and related files in this directory. When you are ready to turnin your **prog1.py** program:

- Use the SSH Secure Shell software to do a secure ftp to `lectura.cs.arizona.edu`. You can do this by first connecting to `lectura` using the Quick Connect feature. Once you are connected and logged in, you can select the New File Transfer from the Window menu.
- Transfer your `prog1.py` file to `lectura`.
- Using the login window you created, you can now execute the turnin command (as described above).

Again, you are *strongly encouraged to try this well before the due date*. If you have problems, get in touch with us, and we can help.

From Home using Linux or Mac OS X:

If you are using Linux system, or a Mac OS X system, the instructions are different. The main differences: `ssh` is installed by default on these systems. You can use a command-line to transfer your file to `lectura`. An example command would be:

```
scp prog1.py username@lectura.cs.arizona.edu:
```

where **username** will be replaced with your CS login. When you execute the command, you will get a prompt asking for your password. Once you enter the password, your file will be transferred.

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You then use the ssh command to login to lectura:

```
ssh username@lectura.cs.arizona.edu
```

Once you are logged in, you can execute the turnin command.