

Set-Up Submit for CS 2200

1. The Linux system will be used to submit MIPS assembly language programs. The Windows system will be used to create and run MIPS assembly language programs. MARS (MIPS Assembler and Runtime Simulator) is the IDE for programming in MIPS assembly language. WinSCP will be used to transfer MIPS assembly language programs from the Windows system to the Linux system (cs.ucmo.edu).
2. When logging into the Linux system for the first time, enter Windows username (xyz67890) and password, where xyz are the first, middle and last initials of your name and 6789 are the last four digits of your 700 id number.
3. Create a directory (folder) named cs2200 to keep all related work in the directory. To create such a directory, on the command line, type and then enter:

```
mkdir cs2200
```
4. To keep others from looking at or copying your files, enter

```
chmod 700 cs2200
```
5. To work under the cs2200 directory, on the command line, type and enter this command:

```
cd cs2200
```

When working on cs2200 assignments, always come to this directory first.
6. Create a link to submit assignments. Type and enter

```
ln -s ~cnc8851/cs2200/submit2200 submit2200
```

Submit for CS 2200

7. Download and install the MARS IDE from the website:

<http://courses.missouristate.edu/kenvollmar/mars/index.htm>

8. To run MARS in the Linux environment, from a shell and in the directory where the jar file is located, type: `java -jar (jar file name)`. To run MARS in the Windows environment, just double-click on the jar file icon.

9. Using Notepad on the Windows system, create a bio.txt file containing your following information:

NAME: (First Middle Last)

700NO:

MAJOR:

HOMETOWN:

FAVORITE HOBBIES OR ACTIVITIES:

10. Use WinSCP to transfer the bio file from your Windows system to the Linux system under the cs2200 directory.

11. Submit the file as assignment number 0 by entering:

```
bash submit2200
```

When asked for the assignment number, enter a0. When asked for the file, enter bio.txt. Look at the screen to check whether the file has been successfully submitted. If it was successful, type q.