

# Testing Your SPIM Stack Routines

Tom Kelliher, CS 220

Nov. 2, 2009

Follow these instructions.

1. Login to phoenix and cd to the directory where you stack routines file is.
2. Assuming your stack routines are in the file `project.spim`, execute the command

```
cat ~kelliher/pub/cs220/testStack.spim project.spim > testStack.spim
```

(**Notes:** Change `project.spim` to the appropriate file name for you. If your routines are already in the file `testStack.spim`, use the `mv` command to rename your routines file.)

3. Open `testStack.spim` in an editor and perform any editing that might be necessary.
4. Run the program:

```
spim -file testStack.spim
```

Hopefully, all tests will pass. If not, using the error message printed and the test program itself (it's pretty well commented), fix the broken routine. (**Note:** Two of the tests require un-commenting and then re-commenting three lines.)