The purpose of this assignment is to encourage you to experiment with higher-order and curried functions in ML before the next lecture. Up to five points may be earned on this assignment. Those points will be added to your score on the first regular assignment.

The assignment is simply this: Use `sml` to evaluate ten fairly different ML expressions that use higher order and/or curried functions. (These are discussed on slide 119 and beyond.) When done, `turnin` a file named `log` that provides evidence of your work. Just copy the session text from an ssh window onto the clipboard and then put it into a file on `lectura` with the command "`cat >log`" (`cat` will wait for input; click to paste, then use control-D to terminate `cat`. You should then have a file named `log`, but be sure it contains what you expect.)

Use the `turnin` tag `372_x1` to submit your work:

```
turnin 372_x1 log
```

You might start by trying some of the examples on the slides and then do some what-ifs based on what strikes your curiosity. Maybe define some simple higher-order and/or curried functions and try them out.

It's hard to define what I think of as "fairly different ML expressions" but use common sense and note that the purpose here is to encourage some hands-on work with this new material right away. However, something like using "`map f`" with ten different lists or creating ten partial applications of the same function would probably be worth about a half-point.