1) This project is about configuring a machine to be on the network.

Before starting this project, ask the instructor to disable networking on your machine. He will have to reboot to do this.

Get you machine up and onto the network. Do this by typing commands in one at a time, not by running a script. You will not enable all of networking, just enough to be able to ping `127.0.0.1`, `134.139.248.65`, `134.139.248.33` and `134.139.248.17`. To do this you need to get the interface and route tables up.

The hostname, internet address, gateway and netmask of your machine are on the label on the front. The cable number for your machine is it's address with the host part set to all zeros. The broadcast address for your machine is it's address with the host part set to all ones. You should test to ensure your machine is connected to the network.

Report: the exact sequence of commands you used to connect your machine to the network.

Clean up: to re-enable default networking you must change the mode of the network initialization files used by `init`. Type the following command:
`chmod a+x /etc/rc.d/rc.inet*`
Now when you reboot `init` will bring the network up automatically.

2) Resolver/DNS. The command `nslookup lamp5` fails because the full name of the machine is `lamp5.ics.uci.edu`. Fix your machine so that `nslookup lamp5` works (as well as using the "first-name" of all other machines ending in `ics.uci.edu`). Sanity check, make sure `nslookup` still works for `panther` and `cheetah`

3) Using the `inetd.conf`, disable telnets into your machine.

Report: What did you do to the file.

Cleanup: reenable telnets.

4) Using the tcp wrappers, deny telnets from `panther`. (Be sure to test that they are still allowed from other machines.) The manual entry for this question is `hosts_access` from section 5.

Report: Which file did you use and what did you put into it.

Cleanup: reenable telnets.

5) Report: List the names of the remote programs available on `jaguar`. (List each name just once).

6) Allow `csa476xx` (your account) on `panther` to rlogin as `bob` on the machine you administer without a password.

Report: Which file did you use, on which machine, and what did you put into it.

7) Allow any user from `cougar` to rlogin to the machine you administer without a password. That is, if they are `joe` on `cougar`, they are allowed to rlogin as `joe` on your machine without a password. Of course `joe` must be a user that exists. Check this out by using your `csa476xx` account (because it is the only account you have access to that exists on both machines).

Report: Which file did you use, on which machine, and what did you put into it.

8) Allow `csa476xx` (your account) on `panther` to ssh to `bob` on the machine you administer without a password.

Report: the steps you took to allow this.