Lab: Conditional Tests

In this lab we'll use conditional tests in the process of implementing the ability to delete customers.

Creating the script

1. In your cgi-bin directory, create a new script called DeleteCustomer.bash. Make sure it has all the stuff needed in a template page (Comments, sha-bang, usage statement, and so forth).
2. Make it receive in a parameter which will be the customer ID.
3. In the main part of the script, tell the user they are about to delete a customer.
4. Show the user the customer they're about to delete.
5. Ask the user if they are sure they want to delete the customer. If the user answers *no*, tell them you're cancelling and exit the script.
6. But if the user answers *yes*, make a call to *deleteCustomer*.
7. Of course that call to deleteCustomer is in your customerfunctions.bash script, so make sure it is sourced at the top.
8. Now test your script by pointing your browser at DeleteCustomer.bash –i 123. It should show an "Are you sure" page with a prompt. If you answer yes, it will try, but of course you haven't implemented the deleteCustomer function yet. Let's do that in the next steps!

Doing the delete

9. Open customerfunctions.bash and find or write your deletecustomer function.
10. Start off with a test. If the number of positional parameters is not exactly 1, print an error message and exit with a nonzero return code.
11. Then see how many rows have the ID passed to this function. Do this:

```
ID=$1
NUMBEROFMATCHES=$(grep -c "^${ID}|" ./customers.txt)
```

    See if you can figure out what that line is doing.

12. If the NUMBEROFMATCHES is exactly 1, do this:

```
FILENAME=/tmp/${LOGNAME}${RANDOM}.out
grep -v "^${ID}|" ./customers.txt > $FILENAME
mv $FILENAME ./customers.txt
```

    This will delete the entire line for the ID provided.

13. Test out a couple of known customers. Make sure it works.