Exercise 9: Comments

For this exercise, you'll add comments to your code from the previous exercise.

Login

Imagine this were a real login function. What would we want to say in the comments? The main thing it does is verify that the username and password are correct, so add comment lines like this:

```
// Verifies that the username and password from the text boxes are
// valid and logs in the user.
function login() {
  if (textbox1.value == "admin" && textbox2.value == "pass") {
      result.innerHTML = "Logged in";
  } else {
      result.innerHTML = "Incorrect username and password";
  }
```

Length comparison

For the **compare** function, add a comment above the function declaration. This time, have it say what the function actually does. It should mention the user elements that it takes the values from and the paragraph where it puts the message.

Directions

Add some comments above **directionName**. The comments should say what the function does, but not how it does it.

Now add a comment above the **switch** statement, explaining what it does. Since you haven't done it before, I'll give you what I would do:

```
// Return the full name of North, South, East, or West, given
// the abbreviations n, s, e, w.
switch (abbrev) {
```

Note that the tense in internal comments is less formal. Write in whatever tense feels best.

Then add a comment above the **default** line, explaining what the code is doing there.

Finally, add a comment above **showDirection**, similar to what you did for length comparison.

At the top

For completeness, put a comment right after the <script> tag that says what this page is about. Let's keep it simple:

```
// Exercise 9: Comments
```

Take a Look at How I've Done It

Again, there are no right answers, but once you've finished, compare your documentation to mine: http://sdkbridge.com/prog1/Exercise9Answers.pdf.