Quiz 2 will cover the following topics:

- JavaScript objects (including associative arrays and `navigator.geolocation`)
- JSON and JSON parsing
- First-class functions
- AJAX and XMLHttpRequest
- `var` scoping
- Event handling
- Labs 5, 6, and 7
- Assignment 2
- Cookies and local storage

Google Maps API and jQuery will not be tested.

Practice Questions

1. Consider the following JavaScript. Assuming there are no errors in the code, the web browser supports geolocation detection, and `getMyLocation()` is called via `<body onload="getMyLocation()">`, what is the most likely output in the JavaScript console?

```
<script>
  function getMyLocation() {
    found = 0;
    if (navigator.geolocation) {
      console.log(found);
      navigator.geolocation.getCurrentPosition(function(position) {
        found = 1;
        console.log(found);
      });
    }
    console.log(found);
  }
</script>
```

2 Consider the following JavaScript program, what is the output in the JavaScript console?

```
var a = 6;
var b = 5;

function foo(a) {
    console.log(a * b);
}

function bar()
{
    var a = 5;
```

```
    for (b = 0; b < 3; b++) {
        console.log(b * a);
    }
}

foo(3);
bar();
console.log(a);
console.log(b);
```

Answers

1.

0
0
1

2.

15
0
5
10
6
3