

# Errata for The JavaScript Programming Language

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## Errata in First Printing

### Essential Corrections

- Page 6: There are missing braces in the script. They should be replaced as follows:

```
for (var index = 0; index < phrase.length; index += 1) {  
    var symbol = phrase[index].toUpperCase();  
    phoneNumber += conversion[symbol] || symbol;  
}
```

- Page 15: The typesetting of  $4.18e - 1000$  should be  $4.18e-1000$ .
- Page 20: Remove last line in first code block; JavaScript does not have an operator named “||=”
- Page 37: Insert parentheses around the text “and `add_seventeen`, as well as any value returned from calling `incrementer`”.
- Page 72: The function declarations in both code blocks have missing braces. Replace the last two lines of the first code block with the following (the modified spacing and line breaks are not essential, but clarifies the structure of the code a little better):

```
setTimeout(  
    function() {  
        document.getElementById("status").innerHTML = "Liftoff!";  
    },  
    timeout);
```

Replace the second code block with:

```

setInterval(
    function() {
        document.getElementById("status").innerHTML = new Date();
    },
    1000);

```

In the above replacements, single quotes have also been replaced by double quotes. Both forms are correct; the change has been made for consistency within the section.

## Non-Essential Corrections

- Page 18: Replace Qa4 with Qh4 in the first code block and the Figure 2.1.
- Page 27: Exercise 14 should be typeset better.
- Page 31: Add a semicolon after the declarations of `show` and `diceRoll`. This is not strictly required, but it is good practice. Other cases in which this practice should be followed are in the declarations of `say_hello` on Page 34, `incrementer` on Page 37, and `finishes` on Page 38.
- Page 39: The top line should be typeset better.
- Page 42: Remove the line `“alert(dog);”` from the code example. While not strictly incorrect, the line doesn’t add any useful information.
- Page 44: The code for the `antipode` property is legal JavaScript, but it is bad geography. It doesn’t actually compute an antipode. The function should read:

```

antipode: function () {
    var delta = this.longitude > 0 ? -180 : 180;
    return make_point(-this.latitude, this.longitude + delta);
},

```

- Page 46: The code for the `antipode` is legal JavaScript, but it is bad geography. It doesn’t actually compute an antipode. At the same time, the function should preferably use the constructor, instead of relying on the previously declared function `make_point`. The function should read:

```

Point.prototype.antipode = function () {
    var delta = this.longitude > 0 ? -180 : 180;
    return new Point(-this.latitude, this.longitude + delta);
};

```

- Page 76: In the second to last line of the code block, replace “AJAX” with “Ajax”.

- Page 84: In Exercise 12, replace the text “(such as locally on your computer)” with “(i.e., opened locally on your computer)”.