JavaScript Exercises

7-1.html
```
<html>
<body>

<script type="text/javascript">
document.write("Hello World!")
</script>

</body>
</html>
```

7-2.html
```
<html>
<body>

<script type="text/javascript">
var x = 2 * 2
document.write("x =",x)
</script>

</body>
</html>
```

7-3.html
```
<html>
<HEAD>
<SCRIPT LANGUAGE="JavaScript">

function square(number) {
      return number * number
}
</SCRIPT>
</HEAD>
<BODY>
<SCRIPT>
      document.write("The function returned ",
square(5), ".")
</SCRIPT>
<P> All done.
</BODY>
</html>
```

7-4common.js
```
function square(number) {
      return number * number
}
```

7-4.html
```
<HTML>
<HEAD>
<TITLE>Referencing a file of functions</TITLE>
<SCRIPT SRC="7-4common.js">
</SCRIPT>
</HEAD>
<BODY>
<SCRIPT>
      document.write("The function returned ",
square(5), ".")
</SCRIPT>
<P> All done.
</BODY>
</HTML>
```

7-6.html
```
<html>
<script type="text/javascript">

function Time()
{
var currentTime = new Date()
var hours = currentTime.getHours()
var minutes = currentTime.getMinutes()
var seconds = currentTime.getSeconds()

// call the AddZero function to add a zero in
front of numbers that are less than 10
hours = AddZero(hours)
minutes = AddZero(minutes)
seconds = AddZero(seconds)

// write out the time
document.write("<b>" + hours + " hours " +
minutes + " minutes " + seconds + " seconds
</b>")
}
```

```
function AddZero(i)
{                                          // call the Time function
if (i<10)                                  <body onload="Time()">
 {i="0" + i}
  return i                                 </body>
}                                          </html>
</script>
</head>
```

1. Enter all code examples as separate files and debug. You will likely make typing mistakes and this will cause the code examples to not work properly. Make sure they work properly before you go on to step 2.

2. Change some aspect of these code examples, either in the html or JavaScript. A change might be the use of a different formula, different output text, or different function call.

3. Put these files in a folder called JavaScript.