



JavaScript Tutorials-Conditional Statements

If/Else If/Else

An important element to coding is the conditional statements. You may know these from other programming languages. Setting up the document is simple:

```
HTML ▾  
<!DOCTYPE html>  
<html>  
  <head>  
    <meta charset="utf-8">  
    <title>IF ELSE</title>  
  </head>  
  <body>  
    <p id="print"></p>  
    <script>  
      var numHours = 8;  
    </script>  
  </body>  
</html>
```

On top of the basic HTML document we have a `<p>` tag that has an `id` of `print` and a variable called `numHours` and we assign it a value. We have the if statement:

```
if (numHours > 9){  
  document.getElementById("print").innerHTML = "Too much sleep!";  
}
```

So if we have more than 9 hours of sleep it will print this message. We have the else if statement:

```
else if (numHours == 8){  
  document.getElementById("print").innerHTML = "The right amount of sleep!"  
}
```

For this we see if the variable equals to 8. We use this to set a new condition if the first statement is false. We also have an else statement, this is used to see if the if statement is false:

```
else {  
  document.getElementById("print").innerHTML = "Get some more shut eye!";  
}
```

The output of this program can be shown as so and will change depending on the result of the variable:

Output Auto-run JS ☒ ↗

295px

The right amount of sleep!