

04 Js Conditional "if ... else"

1. If statement

```
<html>
<body>

<script type="text/javascript">

var d = new Date();
var time = d.getHours();

if (time < 10)
{
    document.write("<b>Good morning</b>");
}
</script>

<p>This example demonstrates the If statement.</p>
<p>If the time on your browser is less than
10, you will get a "Good morning"
greeting.</p>

</body>
</html>
```

2. If...else statement

```
<html>
<body>

<script type="text/javascript">
var d = new Date();
var time = d.getHours();

if (time < 10)
{
    document.write("<b>Good morning</b>");
}
else
{
    document.write("<b>Good day</b>");
}
</script>

<p>
This example demonstrates the If...Else statement.
</p>

<p>
If the time on your browser is less than 10,
you will get a "Good morning" greeting.
Otherwise you will get a "Good day" greeting.
</p>

</body>
</html>
```

3. Random link

```
<html>
<body>

<script type="text/javascript">
var r=Math.random();

if (r>0.5)
{
document.write("<a href='http://www.w3schools.com'>Learn Web
Development!</a>");
}
else
{
document.write("<a href='http://www.google.com'>Visit Google
!</a>");
}
</script>

</body>
</html>
```

4. Switch statement

```
<html>
<body>
<script type="text/javascript">
var d = new Date();
theDay=d.getDay();
switch (theDay)
{
case 5:
document.write("<b>Finally Friday</b>");
break;
case 6:
document.write("<b>Super Saturday</b>");
break;
case 0:
document.write("<b>Sleepy Sunday</b>");
break;
default:
document.write("<b>I'm really looking forward to this
weekend!</b>");
}
</script>
```

<p>This JavaScript will generate a different greeting based on what day it is. Note that Sunday=0, Monday=1, Tuesday=2, etc.</p>

```
</body>  
</html>
```