

		Pensum: Pollock chapter 6 – 7 Keywords: Conditional statements and Loops Keywords: Events handlers
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Conditional statements

- The **if** statement – *single check*

```
<html>
<head>
<title>test age</title>
</head>
<body>

<script language="JavaScript">

var age = 14;

if( age < 16){
    window.alert("You are to young to buy bier in the supermarked !");
}
document.write("Welcome");

</script>

</body>
</html>
```

- The **if – else** statement - *single check with alternative*

```
html>
<head>
<title>test age</title>
</head>
<body>

<script language="JavaScript">

var age = 14;
// age = parseInt(prompt("Pleas enter your age ",0));

if( age < 16){
    window.alert("You are to young to see this movie");
}
else
{
    window.alert("You are old enough to see this movie");
}

</script>

</body>
</html>
```

Nesting

```
<html>
<head>
<title>neste</title>
</head>
<body>

<script language="JavaScript">

var age = 80;

if( age < 16){
    window.alert("You are to young to see this movie");
}
else
{ // this is a nested condition
    if (age == 60){
        window.alert("You are to Old to see this movie :) ");
    }
    else
        window.alert("You are old enough to see this movie");
}

</script>

</body>
</html>
```

- The **switch – case** statement – *checks of multiple values*

```
<html>
<head><title>User Response Example</title>
</head>
<body>
<h1> User Response Example</h1>
Enter your destination.<br>
<script LANGUAGE="JavaScript1.2">

where = prompt("Where do you want to go today?"); //user input

switch (where) {
    case "Netscape" :
        window.location="http://www.netscape.com";
        break;
    case "Microsoft" :
        window.location="http://www.microsoft.com";
        break;
    case "Yahoo" :
        window.location="http://www.yahoo.com";
        break;
    default :
        window.location="http://www.mcp.com";
}
</script>
</body>
</html>
```

Loops

- The **for** loop

```
<html>
<head>
<title>Untitled</title>
</head>
<body>
<h1>"for" Loop Example</h1>
<p>The following is the output of the
<b>for</b> loop:</p>

<script language="JavaScript">

for (i=10;i<=20;i++) {

    document.write("This is line " + i + "<br>");
}

</script>

</body>
</html>
```

- The **while** loops

```
<html>
<head>
<title>while loop p.154 (Pollock)</title>
</head>
<body>

<script language="JavaScript">

var count = 1;

while (count < 11)
{
    document.write(count+ ". I am part of a loop!<br>");
    count +=1;
}

</script>
<p> Now we are back to the plain HTML code

</body>
</html>
```

- The error of the infinite loop (take care !)