

Scripting & Coding - 4

FH Joanneum, 11. April 2018

#jpr16sc

<https://github.com/PeterTheOne/scripting-und-coding-lv-fh-joanneum>

Ablauf der heutigen LV

1. Javascript

- a. Vergleiche
- b. if, else, else if
- c. BMI: If else
- d. Boolesche Logik
- e. Array (Listen)
- f. jQuery: append, remove

Vergleiche

<https://codepen.io/PeterTheOne/pen/MVLrqd?editors=1010>

Vergleiche

```
$('#r1').text( 5 > 3 );
```

```
$('#r2').text( 4 == 4 );
```

```
$('#r3').text( 5 >= 6 );
```

```
$('#r4').text( 5 != 5 );
```

```
$('#r5').text( 5 > 3 );
```

```
$('#r6').text( 'baum' == 'haus' );
```

```
var isTreeAHouse = ('baum' == 'haus');
```

If, Else, Elseif

<https://codepen.io/PeterTheOne/pen/qogxdr?editors=1010>

If, Else, Elseif

```
if ( 7 > 5 ) {  
    $('#result').text( 'Sieben ist größer als Fünf.' );  
} else {  
    $('#result').text( 'Fünf ist größer als Sieben' );  
}
```

Beispiel: BMI

<https://codepen.io/PeterTheOne/pen/VXRpgm?editors=1010>

Beispiel: BMI

```
if (bmi < 18.5) {  
    $('resultText').text("Underweight");  
} else if (bmi < 25) {  
    $('resultText').text("Normal");  
} else {  
    $('resultText').text("Overweight");  
}
```


Boolesche Logik

<https://codepen.io/PeterTheOne/pen/geERya?editors=1010>

Boolsche Logik

```
var sunny = true;
```

```
var rain = true;
```

```
if (sunny && rain) {
```

```
    $('#result').text('Rainbow');
```

```
} else {
```

```
    $('#result').text('No Rainbow :(');
```

```
}
```

Arrays (Listen)

<https://codepen.io/PeterTheOne/pen/WzmjNa?editors=0010>

Arrays (Listen)

```
var people = [ 'peter', 'stefan', 'david' ]; // array
```

```
console.log( people );
```

```
console.log( people.length );
```

```
console.log( people[ 0 ] ); // startet mit 0
```

```
console.log( people[ 1 ] );
```

```
console.log( people[ 2 ] );
```

```
console.log( people[ 3 ] ); // undefined
```

jQuery: append & remove

<https://codepen.io/PeterTheOne/pen/PRLmNe?editors=1010>

jQuery: append & remove

// append and remove elements: <https://jquery.com/>

```
$('#bird').remove();
```

```
$('#list').append("<li>Animal Farm</li>");
```