

```

1  window.onload = function () {
2      "use:strict"; /*Strict mode makes it easier to write "secure" JavaScript.*/
3
4
5      console.log("hallo world");    //alert(`Hallo Welt!`);
6
7      /*Variablendeklaration*/
8      var h1=document.getElementsByTagName("h1")[0];/*Bei Aufruf sofortige Ausfuehrung,
      nur einmal
9      h1.onclick=test();*/
10
11      /*Bei Referenz, speichern in onclick, Ausfuehrung bei jedem click*/
12      h1.onclick=test;
13      function test(){
14          console.log('test');
15      }
16
17
18      /*Einer Referenz koennen keine Aurgumente uebergeben werden. Aber um einer
      Funktion Elemente zu uebergeben, wird sie in eine anonyme Funktion verpackt.*/
19      var h2=document.getElementsByClassName("fetish")[0]; /* gives back the 1st
      element of all h2 tags from class fetish */
20      var someVar = undefined;
21      h2.onclick=function(){testAgain("name")};/* name is just some argument we
      give to the function // we used an anonymous function to use the testAgain
      function so we could give it a parameter*/
22
23      console.log(h2.onclick);/* gives back the reference to the h2.onclick */
24
25
26      function testAgain(testType){
27          console.log(typeof testType,typeof null, typeof someVar, 3,"hallo");
28      }/* testType is an argument that the function takes(could be any type of
      var)*/
29
30
31      var image = document.getElementById("sk8");
32
33      function twoInOne(){/* we use this function to call two functions on one
      element so that they dont overwrite eachother.*/
34          image.onclick = test();
35          image.onclick = testAgain(90);
36
37      }
38
39      image.onclick = twoInOne;
40
41      /*alternativ an eventlistener geben
42      Parameter: 1 "event", 2 function, 3 bubbling*/
43      var aside = document.getElementsByName("shark")[0];
44
45      aside.addEventListener("click",twoInOne,false);
46
47      function testReturn(){
48          var a = 5;
49          return a;
50      }
51
52      h1.onclick = testReturn;
53
54  }

```