

---

**// αλλαγή στο background**

```
<html>
<body>
<form>
<select onchange="document.bgColor=this.options[this.selectedIndex].value">
<option value="2E8B57">SEA GREEN
<option value="87CEEB">SKY BLUE
<option value="F4A460">SANDY BROWN
<option value="FFFFFF" SELECTED>WHITE
</select>
</form>
</body>
</html>
```

---

**//While**

```
function function1() {
var sWord= " "
while (sWord!= "Τέλος") {
sWord = prompt ( "Πληκτρολογήστε τη λέξη\Τέλος\για να -->
σταματήσετε το βρόγχο", "")
}
alert( "Ο βρόγχος ολοκληρώθηκε")
}
```

---

**//For - break**

```
function function() {
var bResult
for (i=1; i<4; i++) {
bresult = confirm (" i = " + i +"\n Πατήστε Cancel για να εκτελέσετε μια -->
πρόταση \break", "")
if (bResult == false) { break; }
}
alert("Ο βρόγχος ολοκληρώθηκε\ni = " + i)
}
```

---

**//while - continue**

```
var bResult
var i = 0
while (i<4) {
bResult = confirm("i= " +i +"\n Πατήστε Cancel για να εκτελέσετε -->
μια πρόταση \continue\ ", " ")
if (bResult == false ) {
continue;
}
i++
}
alert( "Ο βρόγχος ολοκληρώθηκε\ni =" +i )
```

---

**//αντικείμενο Math**

```
function findmax()
{
    fmax.num1.value=Math.round(Math.random()*10);
    fmax.num2.value=Math.round(Math.random()*10);
    z=Math.max(fmax.num1.value,fmax.num2.value);
    alert("max is "+z);
    fmax.num1.value=document.lastmodified
}
```

---

**//αντικείμενο String**

```
function funstr()
{
    var x="javascript";
    document.writeln(frm.txtval.value.bold());
    document.writeln(x.toUpperCase());
    document.writeln(x.bold());
}
```

---

**//αντικείμενο Date**

```
function funhours()
{
    x=new Date();
    if (x.getHours()<=12)
    {
        document.writeln("<h1>GOOD MORNING</h1>");
    }
    else
    {
        document.writeln("<h1>GOOD EVENING</h1>");
    }
    document.writeln("DATE IS: " + x.getDate() + "/" + (x.getMonth()+1)
+ "/" + x.getYear() );
    document.writeln("TIME IS: " + x.getHours()+":"+x.getMinutes());
}
```

---

**//αντικείμενο Date - Array**

```
<html>
<body>
<script language="javascript">
var d=new Date()
var weekday=new
Array("Sunday","Monday","Tuesday","Wednesday","Thursday","Friday","Saturday")
var monthname=new
Array("Jan","Feb","Mar","Apr","May","Jun","Jul","Aug","Sep","Oct","Nov","Dec")
document.write(weekday[d.getDay()] + " ")
document.write(d.getDate() + ". ")
document.write(monthname[d.getMonth()] + " ")
document.write(d.getFullYear())
</script>
</body>
</html>
```

---

---

**// calculation**

```
<html>
<head>
<script language="JavaScript">
<!-- Κρύβουμε τον κώδικα
function calculation(x,y) {
  x1=parseFloat(x);
  y1=parseFloat(y);
  var result= x1 + y1;
  alert(result);
}
// -->
</script>
</head>
<body>
<form>
<input type="button" value="Calculate" onClick="calculation(t1.value,t2.value)">
<input type="text" name="t1"><input type="text" name="t2"></form>
</body></html>
```

---

**//εστιαση και επιλογη αντικειμενου**

```
<body onLoad="setfocus()">

function setfocus() {
  document.first.text1.focus();
  document.first.text1.select();
}

```

---

**// confirm**

```
<html>
<body>
<script language="JavaScript">
var name = confirm("Press a button")
if (name == true)
{ document.write("You pressed OK")
}
else
{ document.write("You pressed Cancel")
}
</script>
</body>
</html>
```

---

**//αλλαγη εικονας**

```
<a href="#" onMouseOver="document.myImage2.src='img2.gif'"
onMouseOut="document.myImage2.src='img1.gif'">
</a>
```

---

---

```
// πως εκτελείται ένα γεγονός
<form name="myForm">
<input type="button" name="myButton" onClick="alert('Κάποιος με πάτησε!')">
</form>
ή: <input type="button" name="myButton" onClick="message()">
ή: <form name="myForm">
<input type="button" name="myButton">
</form>
<script language="JavaScript">
document.myForm.myButton.onclick= message;
function message() {
    alert('Κάποιος με πάτησε!');
}
</script>
```

---

```
//Μήνυμα στο status bar που ολισθαίνει
<html>
<body>
<script language="javascript">
var scrollcounter=0;
var scrolltext="javascript is great";
var scrolldelay=70;
var i=0;
while(i++<140)
    scrolltext=" "+scrolltext;
function scroller()
{
    window.status=scrolltext.substring(scrollcounter++,scrolltext.length);
    if (scrollcounter==scrolltext.length)
        scrollcounter=0;
    setTimeout("scroller()",scrolldelay);
}
scroller();
</script>
</body>
</html>
```

---

```
//Timer
<script language="JavaScript">
function timer() {
    setTimeout("alert('Τέλος χρόνου!)", 3000);
}
</script>
<form>
<input type="button" value="Timer" onClick="timer()">
</form>
```

---

## Javascript

### //Form validation

```
<html>
<head>

<script language="JavaScript">
function validate(field)
{
    var valid="abcdefghijklmnopqrstuvwxyz0123456789";
    var ok = "yes";
    var temp;
    for (var i=0;i<field.value.length;i++)
    {
        temp="" +field.value.substring(i,i+1);
        if (valid.indexOf(temp)=="-1")
        {
            ok="no";
        }
    }
    if (ok=="no")
    {
        alert("Only characters and numbers are accepted!");
        field.focus();
        field.select();
    }
}
</script>

</head>
<body>

<form onsubmit="form.asp">

<input type="text" name="entry" onBlur="validate(this)">
<br>
<input type="submit" value="submit form">
</form>
</body>
</html>
```

---

**//Form validation**

```
<html>
<head>
<script language="JavaScript">
function validate()
{
    x=document.myForm
    at=x.myEmail.value.indexOf("@")
    code=x.myCode.value
    firstname=x.myName.value
    submitOK="True"
    if (at==-1)
    {
        alert("Not a valid e-mail")
        submitOK="False"
    }
    if (code<1 || code>5)
    {
        alert("Your code must be between 1 and 5")
        submitOK="False"
    }
    if (firstname.length>10)
    {
        alert("Your name must be less than 10 letters")
        submitOK="False"
    }
    if (submitOK=="False")
    {
        return false
    }
}
</script>
</head>
<body>
<form name="myForm" action="tryjs_submitpage.htm" onsubmit="return
validate(">
Enter your e-mail:
<input type="text" name="myEmail">
<br>
Enter your code, value from 1 to 5:
<input type="text" name="myCode">
<br>
Enter your first name, max 10 letters:
<input type="text" name="myName">
<br>
<input type="submit" value="Send input">
</form>
</body>
</html>
```

---