



JavaScript Examples





Getting the date

- `<script type="text/javascript">`
 `var d = new Date()`
 `document.write(d.getDate() + "/")`
 `document.write((d.getMonth() + 1) + "/")`
 `document.write(d.getFullYear())`
`</script>`
 - 27/09/2004



Getting and formatting the date

- ```
<script type="text/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(monthname[d.getMonth()] + " " +
 d.getDate() + ", ")
 document.write(d.getFullYear())
</script>
```
- Monday, Sep 27, 2004



# Getting a random number

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- The following code gets a random floating-point number between 0 and 1:
- ```
<script type="text/javascript">  
    document.write(Math.random())  
</script>
```
- 0.728762788388911



Getting a random integer

- The following code gets a random integer between 1 and 10:
- ```
<script type="text/javascript">
 var max = 10;
 number=Math.random()*max + 1;
 document.write(Math.floor(number));
</script>
```
- 5



# Displaying an alert box

- The following code displays an alert box when a button is clicked:
- ```
<form> // Buttons can only occur within forms
    <input type="button" name="Submit" value="Alert!"
        onclick="alert('Oh oh, something happened!');">
</form>
```



Telling what happened

- In my Concise JavaScript, part 2, I have code that shows what events occur when the user takes various actions
- In the `<head>` of the HTML page I define:
 - ```
<script>
 <!--
 function tell(a, b) {
 document.forms[0].result.value+="\n"+a+": " + b;
 }
 //-->
</script>
```
- For each form element, I have a handler for every (plausible) event



# Telling what happened (Button)

- `<input type="button" name="plainButton" value="Plain Button"  
onMouseDown="tell(this.name, 'onmousedown');"  
onMouseUp="tell(this.name, 'onmouseup');"  
onClick="tell(this.name, 'onclick');"  
onDbClick="tell(this.name, 'ondblclick');"  
onFocus="tell(this.name, 'onfocus');"  
onBlur="tell(this.name, 'onblur');"  
onMouseOver="tell(this.name, 'onmouseover');"  
onMouseOut="tell(this.name, 'onmouseout');"  
onChange="tell(this.name, 'onchange');"  
onKeyPress="tell(this.name, 'onkeypress');"  
onKeyDown="tell(this.name, 'onkeydown');"  
onKeyUp="tell(this.name, 'onkeyup');"  
onSelect="tell(this.name, 'onselect');"  
onReset="tell(this.name, 'onreset');"`

>





The End

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