

Document Object programs

1. Select color from dropdown and change color in background(Event onChange)

```
<html>

<head>

<title>Background Color</title>

<SCRIPT>

function goto()

{

    var c;

    c = document.home.SearchColor.value;

    document.bgColor=c;

}

</SCRIPT>

</head>

<body>

    <form name="home">

        Select Color :

        <SCRIPT>
```

```
document.write("<select size=1 name=SearchColor  
onChange=goto();>");  
  
document.write(" <option value=red selected>Red</option>");  
document.write(" <option value=yellow>Yellow</option>");  
document.write(" <option value=green>Green</option>");  
document.write(" <option value=blue>Blue</option>");  
document.write(" <option value=orange>Orange</option>");  
document.write(" <option value=lightblue>lightblue</option>");  
document.write(" <option value=gray>gray</option>");  
  
document.write("</select>");  
  
</SCRIPT>  
  
</form>  
  
</body>  
  
</html>
```

2. Get value of textbox

```
<script>

function printvalue(){
var name=document.form1.name.value;
alert("Welcome: "+name);
}

</script>


<form name="form1">
Enter Name:<input type="text" name="name"/>
<input type="button" onclick="printvalue()" value="print name"/>
</form>
```

3. Change foreground and background color

```
<html>

<head>

<title>JavaScript Document Object Example</title>

<script>

function changeColors()

{

    document.fgColor="red";
```

```
        document.bgColor="blue";
    }
</script>
</head>
<body>
<p>
Sample text to show color change
</p>
<form >
    <input type=button value="Change colors"
onclick="changeColors()"/>
</form>
</body>
</html>
```

4. Count number of links

```
<html>
<head>
<title>JavaScript Document Object Example</title>
</head>
<body>
```

```
<a href="http://www.amazon.com">Buy more books</a>
```

```
<br>
```

```
<a href="http://www.yahoo.com">Stop making Google rich</a>
```

```
<br>
```

```
<script >
```

```
for (i in document.links)
```

```
{
```

```
    document.write( document.links[i] + "<br>" );
```

```
}
```

```
</script>
```

```
</form>
```

```
</body>
```

```
</html>
```

5. Change the title of document

```
<html>
```

```
<head>
```

```
<title>JavaScript Document Object Example</title>
```

```
</head>
```

```
<body>
```

```
<form action="">
```

```
<input type=button value="Press to change title"
onclick="document.title='hello'"/>

</form>

</body>

</html>
```

6. Method getElementById(Find cube of a number)

```
<script type="text/javascript">

function getcube(){

var number=document.getElementById("number").value;

alert(number*number*number);

}

</script>

<form>

Enter No:<input type="text" id="number" name="number"/><br/>

<input type="button" value="cube" onclick="getcube()"/>

</form>
```

7. Method getElementsByName(count total radio buttons)

```
<script type="text/javascript">
function totalelements()
{
var allgenders=document.getElementsByName("gender");
alert("Total Genders:"+allgenders.length);
}
</script>

<form>

Male:<input type="radio" name="gender" value="male">
Female:<input type="radio" name="gender" value="female">
  <input type="button" onclick="totalelements()" value="Total
Genders">
</form>
```

8. Method `getElementsByTagName` (count tags)

```
<script type="text/javascript">
function counth2(){
var totalh2=document.getElementsByTagName("h2");
alert("total h2 tags are: "+totalh2.length);
}
```



```
function counth3(){
    var totalh3=document.getElementsByTagName("h3");
    alert("total h3 tags are: "+totalh3.length);
}
</script>
<h2>This is h2 tag</h2>
<h2>This is h2 tag</h2>
<h3>This is h3 tag</h3>
<h3>This is h3 tag</h3>
<h3>This is h3 tag</h3>
<button onclick="counth2()">count h2</button>
<button onclick="counth3()">count h3</button>
```

9. Program of innerHTML to change the text

```
<script>
function Msg1(){
    document.getElementById('myText').innerHTML = 'Hey Thanks!';
}
function Msg2(){
    document.getElementById('myText').innerHTML = 'Try message 1
again...';
```



```
}  
</script>  
<input type="button" onclick="Msg1()" value="Show Message 1">  
<input type="button" onclick="Msg2()" value="Show Message 2">  
<p id="myText"></p>
```

10. Program of innerHTML when click on text it change

```
<!DOCTYPE html>  
<html>  
<body>  
<p id="demo" onclick="myFunction()">Click me to change my HTML  
content (innerHTML).</p>  
<script>  
function myFunction() {  
    document.getElementById("demo").innerHTML = "Paragraph  
changed!";  
}  
</script>  
</body>  
</html>
```

11. Program of innerHTML when user type in textbox same text is display down (Event onKeyUp)

```
<script>

function showMsg(){

    var userInput = document.getElementById('user').value;

    document.getElementById('userMsg').innerHTML = userInput;

}

</script>

<input type="input" maxlength="40" id="user" onkeyup="showMsg()"
placeholder="Enter text here...">

<p id="userMsg"></p>
```

12. Make same copy of text

```
<html>

<head>

<title>Customer Detials</title>

<Script Language="JavaScript">

function fillName()

{

    document.office.name.value=document.customer.name.value;

}
```

```
function fillAge()
{
    document.office.age.value=document.customer.age.value;
}
</Script>
</head>
<body>
<B>Customre Copy:-</B><BR>
<form name="customer">
    Name : <input type="text" name="name" size="20"
onKeyUp="fillName();">
    Age : <input type="text" name="age" size="20"
onKeyUp="fillAge();">
</form>
<BR><B>Office Copy:-</B><BR>
<form name="office">
    Name : <input type="text" name="name" size="20">
    Age : <input type="text" name="age" size="20">
</form>
</body>
</html>
```