



CHESSBOARD

1. Table

```
<!DOCTYPE html>
<html>
  <head>
    <title>Simple Table</title>
  </head>
  <body>
    <h2>Table</h2>
    <table>
      <thead>
        <th>x</th>
        <th>y</th>
        <th>z</th>
      </thead>
      <tr>
        <td>1</td>
        <td>2</td>
        <td>3</td>
      </tr>
      <tr>
        <td>4</td>
        <td>5</td>
        <td>6</td>
      </tr>
    </table>
  </body>
</html>
```

2. StylingTable





DOCTYPE html>



```

<html>
<head>
<title>Simple Table</title>
<style>
table{
background-color: lavenderblush;
border-style: solid;
border-width:0.2em;
}
td{
background-color:rosybrown;
width:4em;
height:4em;
text-align: center;
}
</style>
</head>
<body>
<h2>Table</h2>
<table>
<thead>
<th>x</th>
<th>y</th>
<th>z</th>
</thead>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
</table>
</body>
</html>

```

3. ScriptingTable





DOCTYPE html>

<html>



<head>

<title>Simple Table</title>

<style>

table{

background-color: lavenderblush;

border-style: solid;

border-width:0.2em;

}

td{

background-color:rosybrown;

width:4em;

height:4em;

text-align: center;

}

</style>

<script>

function nextChar(c) {

return String.fromCharCode(c.charCodeAt(0) + 1);

}

</script>

</head>

<body>

<h2>Table</h2>

<table>

<thead>

<script> var colname = 'x';</script>

<th id="th1">

<script>document.getElementById("th1").innerHTML
colname</script>

=

</th>

<script> colname = nextChar(colname);</script>

<th id="th2">

<script>document.getElementById("th2").innerHTML
colname</script>

=

</th>

<script> colname = nextChar(colname);</script>

<th id="th3">

<script>document.getElementById("th3").innerHTML
colname</script>

=

</th>

</thead>



```

</script> var data = 1;</script>
    id="td1">
<script>document.getElementById("td1").innerHTML    =    data++
</script>
</td>
<td id="td2">
<script>document.getElementById("td2").innerHTML    =    data++
</script>
</td>
<td id="td3">
<script>document.getElementById("td3").innerHTML    =    data++
</script>
</td>
</tr>
<tr>
<td id="td4">
<script>document.getElementById("td4").innerHTML    =    data++
</script>
</td>
<td id="td5">
<script>document.getElementById("td5").innerHTML    =    data++
</script>
</td>
<td id="td6">
<script>document.getElementById("td6").innerHTML    =    data++
</script>
</td>
</tr>
</table>
</body>
</html>

```

4. Creating Elements

```

<!DOCTYPE html>
<html>
<head>
<title>Scripting Table and Creating Elements</title>
<style>
table{
background-color: lavenderblush;
border-style: solid;
border-width: 2px;

```

X

er-width:0.2em;

```

background-color:rosybrown;
width:4em;
height:4em;
text-align: center;
}
</style>
<script>
function nextChar(c) {
return String.fromCharCode(c.charCodeAt(0) + 1);
}
</script>

</head>
<body>
<h2>Table</h2>
<table>
<thead id="thead1">
<script>
for (var colname = 'x'; colname <= 'z';
colname=nextChar(colname)) {
var th = document.createElement("TH");
th.innerHTML = colname;
document.getElementById("thead1").appendChild(th);
}
</script>
</thead>
<tr id="tr1">
<script>
var data = 1;
for (; data <= 3;data++) {
var td = document.createElement("TD");
td.innerHTML = data;
document.getElementById("tr1").appendChild(td);
}
</script>
</tr>
<tr id="tr2">
<script>
for (; data <= 6;data++) {
var td = document.createElement("TD");
td.innerHTML = data;

```

```
document.getElementById("tr2").appendChild(td);
</script>
</tr>
</table>
</body>
</html>
```

5. BasicChessBoard

```
<!DOCTYPE html>
<html>
<head>
<title>Simple Table</title>
<style>
table{
background-color: lavenderblush;
border-style: solid;
border-width:0.2em;
}
td{
background-color:rosybrown;
width:4em;
height:4em;
text-align: center;
}
td.displayrow{
background-color:inherit;
width:1em;
height:4em;
text-align: center;
}
</style>
<script>
function nextChar(c) {
return String.fromCharCode(c.charCodeAt(0) + 1);
}
</script>
</head>
<body>
<h2>Table</h2>
<table id="table1">
<thead id="thead1">
```

```

</script>
    th = document.createElement("TH");
    document.getElementById("thead1").appendChild(th);
    for (var colname = 'a'; colname <= 'h'; colname =
nextChar(colname)) {
    th = document.createElement("TH");
    document.getElementById("thead1").appendChild(th);
    th.innerHTML = colname;

}
th = document.createElement("TH");
document.getElementById("thead1").appendChild(th);
</script>
</thead>
<script>
var data = "";
for (var row = 8; row >= 1; row--) {
var tr = document.createElement("TR");
document.getElementById("table1").appendChild(tr);
tr.id = "tr" + row;
var td = document.createElement("TD");
tr.appendChild(td);
td.innerHTML = row;
td.className = "displayrow";
for (var file = 'a'; file <= 'h'; file = nextChar(file)) {
td = document.createElement("TD");
tr.appendChild(td);
}
td = document.createElement("TD");
tr.appendChild(td);
td.innerHTML = row;
td.className = "displayrow";
}
</script>
<tr id="thead2">
<script>
var th = document.createElement("TH");
document.getElementById("thead2").appendChild(th);
for (var colname = 'a'; colname <= 'h'; colname =
nextChar(colname)) {
th = document.createElement("TH");
document.getElementById("thead2").appendChild(th);
th.innerHTML = colname;

```



```
= document.createElement("TH");  
document.getElementById("thead2").appendChild(th);  
</script>  
</tr>  
</table>  
</body>  
</html>
```

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