

Module-5 Styling with CSS

1. Which property is use to give rounded corners in CSS3?

Answer:

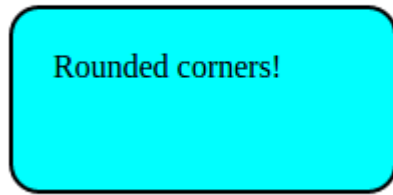
The 'border-radius' property is used to give rounded corners in CSS3. The rounded corners can be given to any element using this property.

Example:

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      #rcorners {
        border-radius: 15px;
        border: 2px solid #000000;
        background: #00FFFF;
        padding: 20px;
        width: 150px;
        height: 50px;
      }
    </style>
  </head>
  <body>
    <p>Rounded corners for an element with a background color and border:</p>
    <p id="rcorners">Rounded corners!</p>
  </body>
</html>
```

Output:

Rounded corners for an element with a background color and border:



2. How to style table in CSS?

Writing the HTML

Let's write some boilerplate HTML code for the table.

```
<table class="styled-table">
  <thead>
    <tr>
      <th>Name</th>
      <th>Points</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Dom</td>
      <td>6000</td>
    </tr>
    <tr class="active-row">
      <td>Melissa</td>
      <td>5150</td>
    </tr>
    <!-- and so on... -->
  </tbody>
</table>
```

Notice we have two classes:

- .styled-table so we don't tamper with every <table> on the site
- .active-row which will be the "active" row - this class is used to highlight a specific row and will get its own CSS as we'll see soon

Styling the table

Let's target the main <table> element first:

```
.styled-table {
  border-collapse: collapse;
```

```
margin: 25px 0;
font-size: 0.9em;
font-family: sans-serif;
min-width: 400px;
box-shadow: 0 0 20px rgba(0, 0, 0, 0.15);
}
```

Most of these are self explanatory but let's have a look at the main ones:

- box-shadow to add a subtle transparent shadow around the table
- border-collapse to ensure there is no space between the cell borders

Styling the header

For the header, we can simply change the background color and apply some basic styles to the text:

```
.styled-table thead tr {
  background-color: #009879;
  color: #ffffff;
  text-align: left;
}
```

Moving onto the table cells

Let's space things out a bit:

```
.styled-table th,
.styled-table td {
  padding: 12px 15px;
}
```

And the table rows...

For these, we want to do 3 things:

1. Add a bottom border to each row for separation
2. Add a lighter background to every second row to help readability
3. Add a dark border to the very last row to signify the end of the table

```
.styled-table tbody tr {
  border-bottom: 1px solid #dddddd;
}
```

```
.styled-table tbody tr:nth-of-type(even) {
  background-color: #f3f3f3;
}
```

```
.styled-table tbody tr:last-of-type {
  border-bottom: 2px solid #009879;
}
```