

HTML, CSS AND JAVASCRIPT COURSE

EXERCISE

HTML TABLES



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EXERCISE OBJECTIVE

Create a project to practice the concept of tables with HTML.
At the end we should observe the following:

HTML Tables

Programming Languages Table

| Name | Description | Creator |
|------------|---|----------------|
| Java | Development of general applications, its strength lies in business applications | James Gosling |
| JavaScript | Development of applications for the Internet, mainly focused on the front end of Web applications | Brendan Eich |
| PHP | Language to create fast-developing Web applications | Rasmus Lerdorf |

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1. CREATE A NEW PROJECT

Create a new project:

The screenshot shows a 'New HTML5/JS Application' dialog box with the following details:

- Steps:**
 1. Choose Project
 2. **Name and Location**
 3. Site Template
 4. Tools
- Name and Location:**
 - Project Name:
 - Project Location:
 - Project Folder:
- Buttons:** < Back, Next >, **Finish** (highlighted with a red arrow), Cancel, Help

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2. CREATE A NEW FILE

Create a new file:

New Cascading Style Sheet

Steps

1. Choose File Type
2. **Name and Location**

Name and Location

File Name:

Project:

Folder:

Created File:

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3. MODIFY THE CODE

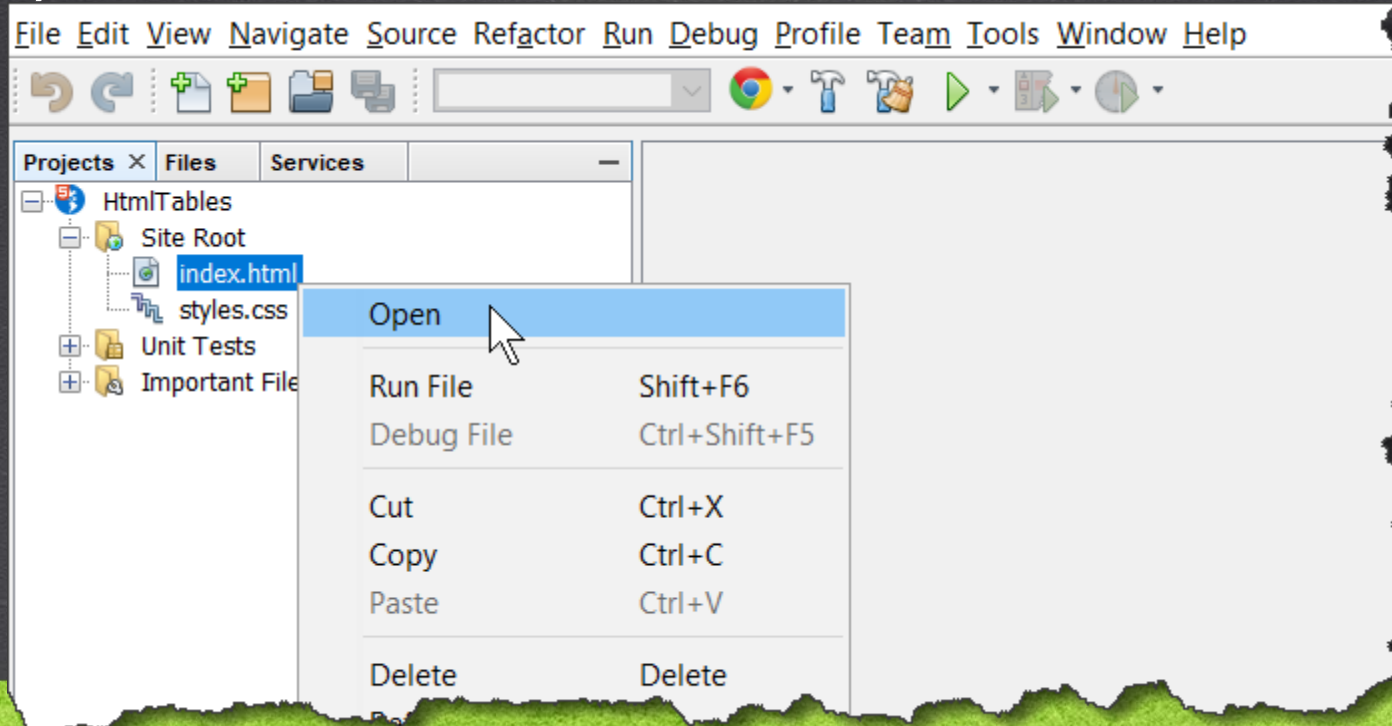
styles.css

Click to download

```
body {  
  background:#f1f3fe;  
  font-family:"Comic Sans MS";  
}  
  
caption{  
  height:30pt;  
  font-weight:bold;  
  color:#004080;  
}  
  
th{  
  text-align:center;  
  color:#4d4d4d;  
  background:#a8d3ff;  
}  
  
td{  
  text-align:justify;  
  color:#5b5b5b;  
  /*background:#f5f5f5;*/  
  font-size:small;  
  vertical-align:middle;  
}  
  
.row1{  
  background:#ffffff;  
}  
  
.row2{  
  background:#e5e5e5;  
}
```


4. MODIFY THE FILE

Modify the index.html file:



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5. MODIFY THE CODE

[index.html](#)

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```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <link rel="stylesheet" type="text/css" href="styles.css">
    <title>HTML Tables</title>
  </head>
  <body>
    <h1>HTML Tables</h1>
    <table width="500" border="1">
      <caption>
        Programming Languages Table
      </caption>
      <tr>
        <th>
          Name
        </th>
        <th>
          Description
        </th>
        <th>
          Creator
        </th>
      </tr>
```

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5. MODIFY THE CODE

[index.html](#)

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```
<tr class="row1">
  <td>
    Java
  </td>
  <td>
    Development of general applications, its strength lies in business applications
  </td>
  <td>
    James Gosling
  </td>
</tr>
<tr class="row2">
  <td>
    JavaScript
  </td>
  <td>
    Development of applications for the Internet, mainly focused on the front end of Web applications
  </td>
  <td>
    Brendan Eich
  </td>
</tr>
```

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5. MODIFY THE CODE

[index.html](#)

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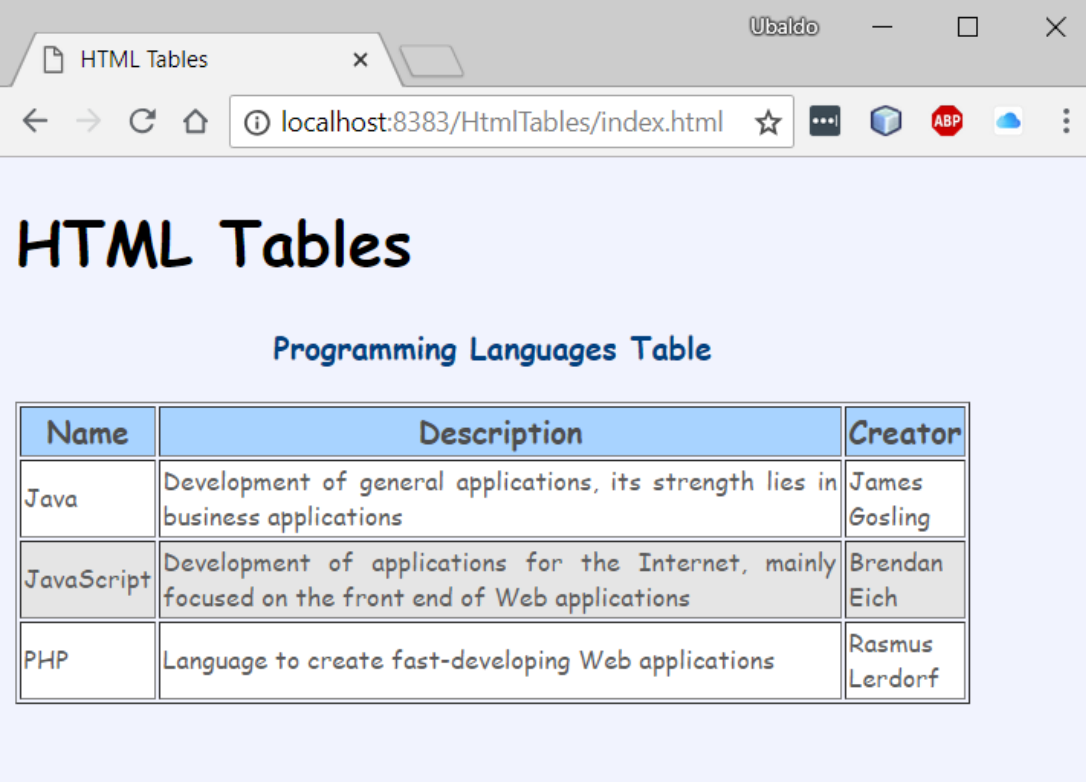
```
<tr class="row1">
  <td>
    PHP
  </td>
  <td>
    Language to create fast-developing Web applications
  </td>
  <td>
    Rasmus Lerdorf
  </td>
</tr>
</table>
</body>
</html>
```

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6. EXECUTE THE PROJECT

The result is as follows:



The screenshot shows a web browser window with the following details:

- Tab: HTML Tables
- Address Bar: localhost:8383/HtmlTables/index.html
- Page Title: HTML Tables
- Section Title: Programming Languages Table
- Table:

| Name | Description | Creator |
|------------|---|----------------|
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EXTRA TASKS OF THE EXERCISE

- Perform the inspection with the Web browser and understand each of the elements that make up the Web page, also review the CSS styles applied to each element of the HTML table.
- Remember that the inspection of the HTML code consists of selecting a part of the code from the Web browser, right click and select to inspect.

EXERCISE CONCLUSION

- With this exercise we have put into practice the concept of tables with HTML.
- We have seen each of its elements, as well as applying some styles to improve the visual appearance of our HTML table.



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ONLINE COURSE

HTML CSS & JAVASCRIPT

By: Eng. Ubaldo Acosta



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