HOW TO CREATE A HORIZONTAL AND VERTICAL TABLE IN HTML.

FIRST LET'S DO A QUICK REVIEW OF HTML BASICS:

All HTML files have a <!Doctype html> in the beginning of the file.

The we open the html tags where the main document will be written in.

<html> ….. </html>

We open the tab by <…> and close by adding a / to the end one. </…> as shown.

Then in the html tag we add a body tag where the visible part of the document will be.

<body> … </body>

HTML has many different fonts which we can use for the headings, with different sizes and different boldness. They range from <h1> to <h6> .

To add more information in your document we have the paragraph tag which is <p> …</p>

NOW FOR THE TABLE BASICS:

We open the table with <table> …. </table> tag.

For a row we add <tr>…</tr> tag and for each table header we add <th>….</th> (the table headings are bold and centered.) Then the table cell which has the data in it is <td>…<td>

So that's all we need to know for now! Let's begin coding:

Don't forget to save the document as index.html

Sample layout for html code (I am using visual Studio to code this, but you can also use notepad ++) .

```html
<!Doctype html>
<html>
    <body>
        <h1>Hello World
        </h1>
    </body>
</html>
```

To make the specific table width I used : <table style="width:100%> ... </table>

```html
<!Doctype html>
<html>
    <body>
        <h1>The commons Software </h1>
        <table style="width:100%">
            <tr>
                <th>Availible software </th>
                <td>software</td>

            </tr>
            <tr>
                <th>Adobe Photoshop</th>
                <td>DMC sodtware</td>
            </tr>
            <tr>
                <th>Adobe Illustrator</th>
                <td>DMC sodtware</td>
            </tr>
            <tr>
                <th>Cura</th>
                <td>Makerspace sodtware</td>
            </tr>
            <tr>
                <th>MS Word</th>
                <td>Desk sodtware</td>
            </tr>
        </table>
    </body>
</html>
```

This is the main code for the table.

When we run it this is how it looks.

The commons Software

Availible software	software
Adobe Photoshop	DMC sodtware
Adobe Illustrator	DMC sodtware
Cura	Makerspace sodtware
MS Word	Desk sodtware

Now we will add borders to the table and then we are done!
For styling the table we will use this code, with a border of 2px and your choice of color.

This has to be added to the head of the document which is between the <html> and <body>.

Add <style> … </style>

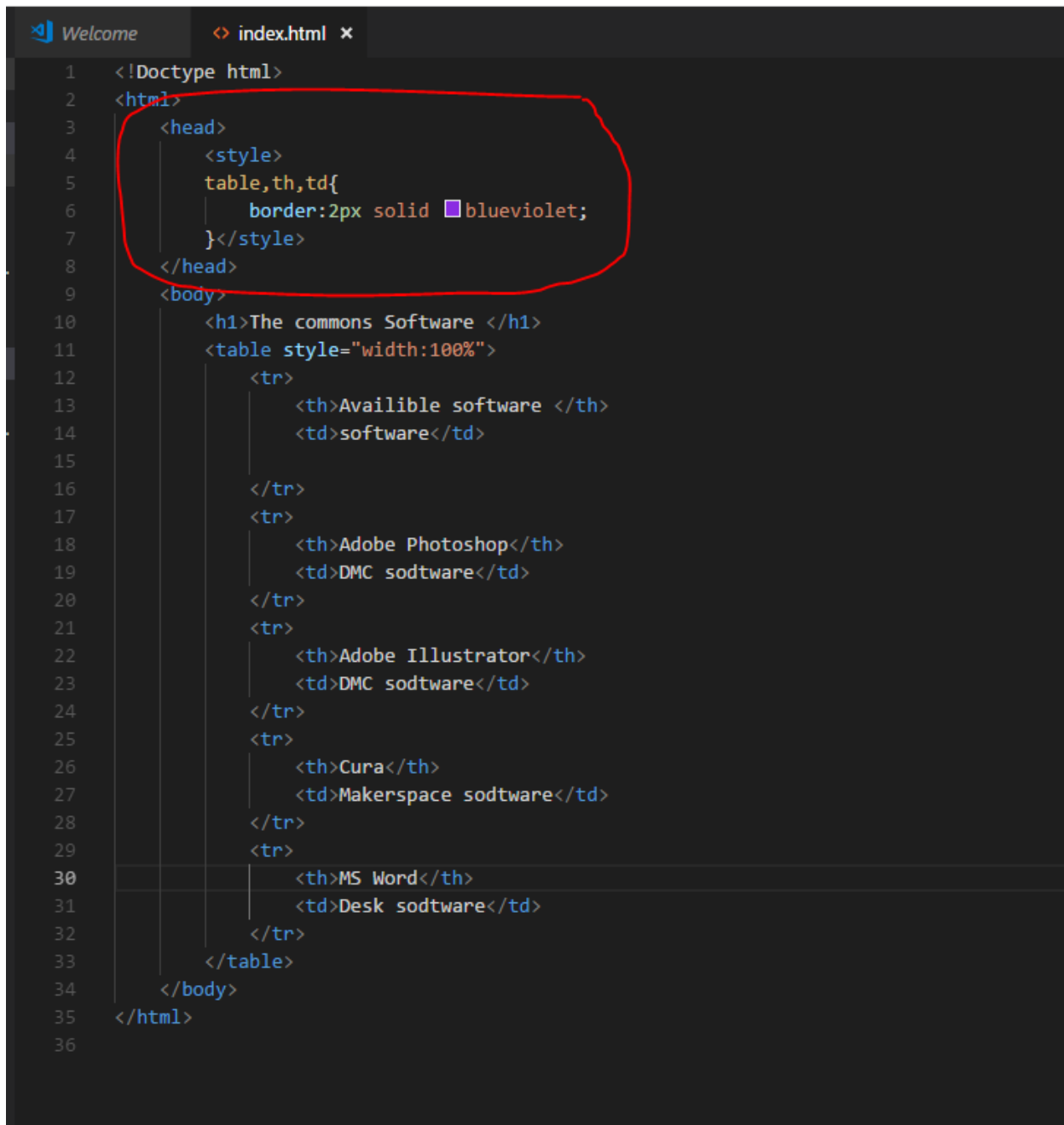In between add your color choice.

<head>

    <style>

    Table,th,td{

        Border:2px solid blueviolet;

    }

    </style>

<head>

My code looks like this now after adding the border.

```html
<!Doctype html>
<html>
    <head>
        <style>
        table,th,td{
            border:2px solid blueviolet;
        }</style>
    </head>
    <body>
        <h1>The commons Software </h1>
        <table style="width:100%">
            <tr>
                <th>Availible software </th>
                <td>software</td>

            </tr>
            <tr>
                <th>Adobe Photoshop</th>
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                <td>DMC sodtware</td>
            </tr>
            <tr>
                <th>Cura</th>
                <td>Makerspace sodtware</td>
            </tr>
            <tr>
                <th>MS Word</th>
                <td>Desk sodtware</td>
            </tr>
        </table>
    </body>
</html>
```

So now our webpage table looks like this ☺

The commons Software

Availible software	software
Adobe Photoshop	DMC sodtware
Adobe Illustrator	DMC sodtware
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Create your own table and make it look more presentable by adding color borders, images and more.

The basics notes were used from w3schools.com

For more tips and tricks in learning html, take a look at the website:
https://www.w3schools.com/html/html_tables.asp