Coding Bootcamp 2022

<table>

<thead>

<tr>

<th>heading1</th>

<th>heading2</th>

<th>heading3</th>

</tr>

</thead>

<tbody>

<tr>

<td>content1</td>

<td>content2</td>

<td>content3</td>

</tr>

<tr>

<td>content4</td>

<td>content5</td>

<td>content6</td>

</tr>

</tbody>

<tfoot>

<tr>

<td>footer-content1</td>

<td>footer-content2</td>

<td>footer-content3</td>

</tr>

</tfoot>

</table>

The input tag can take a multitude of guises, the most common of which are outlined below:

<input type="text"> or simply <input> is a standard textbox. This can also have a value attribute, which sets the initial text in the textbox.

<input type="password"> is similar to the textbox, but the characters typed in by the user will be hidden.

<input type="checkbox"> is a checkbox, which can be toggled on and off by the user. This can also have a checked attribute (<input type="checkbox" checked> - the attribute doesn’t require a value), that specifies that an <input> element should be pre-selected (checked) when the page loads.

<input type="radio"> is similar to a checkbox, but the user can only select one radio button in a group. This can also have a checked attribute.

<input type="submit"> is a button that when selected will submit the form. You can control the text that appears on the submit button with the value attribute, for example <input type="submit" value="Click here">.

* header - used to display the header information on a page
* nav - used to display a navbar for navigating a page
* section - used to display a section of the page
* article - used to display independent, self-contained content.
* aside - used to display content aside from main content (on the side)
* footer - used to display the footer information on a page

Command line:

| **Command** | **Description** |
| --- | --- |
| cd | Change directory. |
| ls | List files and directories in current directory. |
| pwd | Display the path of the current directory. |
| touch | Create a file. |
| mkdir | Create a directory. |
| rm | Remove a file or directory. Warning: deleting a file or directory with this command is permanent! |
| cp | Copy a file or directory. |
| mv | Move or rename a file or directory. |

|  |  |
| --- | --- |
| **General** | |
| **Shortcut** | Description |
| **Ctrl+Shift+P** | command prompt |
| **Ctrl+Alt+P** | switch project |
| **Ctrl+P** | go to file |
| **Ctrl+G** | go to line |
| **Ctrl+R** | go to methods |
| **Ctrl+Shift+R** | go-to methods in project |
| **Ctrl+KB** | toggle sidebar |
| **Ctrl+`** | toggle console |
| **Ctrl+Shift+N** | new window |
| **Editing** | |
| **Shortcut** | Description |
| **Ctrl+L** | select line (repeat select next lines) |
| **Ctrl+D** | select word (repeat select others occurrences in context for multiple editing) |
| **Ctrl+Alt+Up / Ctrl+Alt+Down** | select column for multiple editing |
| **Ctrl+Shift+M** | select content into brackets |
| **Ctrl+Shift+Enter** | insert line before |
| **Ctrl+Enter** | interline after |
| **Ctrl+Shift+K** | delete line |
| **Ctrl+KK** | delete from cursor to end of line |
| **Ctrl+KBackspace** | delete from cursor to start of the line |
| **Ctrl+Shift+D** | duplicate line(s) |
| **Ctrl+J** | join lines |
| **Ctrl+KU** | upper case |
| **Ctrl+KL** | lower case |
| **Ctrl+/** | comment line |
| **Ctrl+Shift+/** | block comment |
| **Ctrl+Y** | redo or repeat |
| **Ctrl+C** | copy |
| **Ctrl+V** | paste |
| **Ctrl+Shift+V** | paste and ident |
| **Ctrl+Space** | autocomplete (repeat to select next suggestion) |
| **Ctrl+M** | jump to matching brackets |
| **Ctrl+U** | soft undo (movement undo) |
| **Ctrl+Shift+U** | soft redo (movement redo) |
| **Code navigation** | |
| **Shortcut** | Description |
| **F12** | go to definition |
| **Alt+-** | jump back |
| **Alt+Shift+-** | jump forward |
| **XML / HTML** | |
| **Shortcut** | Description |
| **Ctrl+Shift+A** | select content into the tag |
| **Alt+.** | close tag |
| **Find / Replace** | |
| **Shortcut** | Description |
| **Ctrl+F** | find |
| **Ctrl+I** | incremental find |
| **Ctrl+H** | replace |
| **F3** | find next occurrence of the searched word |
| **Ctrl+F3** | find next occurrence of the current word |
| **Alt+F3** | select all occurrences of the current word for multiple editing |
| **Ctrl+Shift+F** | find in files |
| **Navigation** | |
| **Shortcut** | Description |
| **Ctrl+0** | focus on sidebar |
| **Esc** | focus back to the edit area when focusing on the sidebar |
| **Splits / Tabs** | |
| **Shortcut** | Description |
| **Alt+Shift+1** | single column |
| **Alt+Shift+2** | two columns |
| **Alt+Shift+5** | grid (4 groups) |
| **Ctrl+[1,2,3...]** | focus group |
| **Ctrl+Shift+[1,2,3...]** | move the file to group |
| **Alt+[1,2,3...]** | select tab |
| **Bookmarks** | |
| **Shortcut** | Description |
| **Ctrl+F2** | toggle bookmark |
| **F2** | next bookmark |
| **Shift+F2** | previous bookmark |
| **Ctrl+Shift+F2** | clear bookmarks |
| **Marks** | |
| **Shortcut** | Description |
| **Ctrl+K+Space** | set mark |
| **Ctrl+KW** | delete from cursor to mark |
| **Ctrl+KA** | select from the cursor to mark |
| **Ctrl+KG** | clear mark |

Nbsp for space and br for break

Favicon and link for the page icon

Java script -> <script>

Noscript = if browser deosn’t comply with javascript

Try to wrap the most text and codes I div

Span = inline container for new phrase to divide

Hr = horizontal line

Open in a new browser tab target=\_blank

Table row => tr

Td => table data

Div .header-five => <div>

<p class= “header-five”

<div class= “header-five” => div.header-five

Div in css = #div1

<u> = underline

Em = italic

Justify-content:

* **flex-start**: Items align to the left side of the container.
* **flex-end**: Items align to the right side of the container.
* **center**: Items align at the center of the container.
* **space-between**: Items display with equal spacing between them.
* **space-around**: Items display with equal spacing around them.

Align items:

* **flex-start**: Items align to the top of the container.
* **flex-end**: Items align to the bottom of the container.
* **center**: Items align at the vertical center of the container.
* **baseline**: Items display at the baseline of the container.
* **stretch**: Items are stretched to fit the container.

Flex-direction

 **row**: Items are placed the same as the text direction.

 **row-reverse**: Items are placed opposite to the text direction.

 **column**: Items are placed top to bottom.

 **column-reverse**: Items are placed bottom to top.

echo "# cat-and-lions" >> README.md

git init

git add README.md

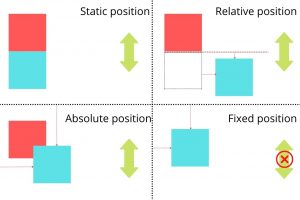
git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/charletraubro/cat-and-lions.git

git push -u origin main

Position



z-index:

media: adjust css to screen size

<https://yoksel.github.io/flex-cheatsheet/>

<https://grid.malven.co>

Logo’s:

<https://www.w3schools.com/howto/tryit.asp?filename=tryhow_css_social_media_buttons2>

own css after bootstrap

<script src="https://kit.fontawesome.com/b868fc9987.js" crossorigin="anonymous"></script>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfHxaWutUpFmBp4vmVor" crossorigin="anonymous">

Ms/auto

`

JAVASCRIPT:

<script src="script.js" charset="utf-8"></script>

toString no math 123 + 4 = 1234

let name='John';

let last\_name = 'Miller';

let space = '';

console.log('=>', name+''+ last\_name)

console.log(`${name} ${last\_name}`)

let a=10;

let b='Hello';

let c = true;//1

let d=false;//0

let f=null;

console.log(typeof(c));

var txt = "ABCDEFGHIJKLMNOPRSTUVWXYZ";

var a = txt.length;

console.log(a);

var str = "Please locate where 'locate' occurs!";

var pos = str.indexOf("wh");

**;** Semicolon  
**:** Colon  
**,** Comma  
**`** backtick  
" Double Quote  
' Quote or Single Quote  
**( )**Round brackets or parentheses  
**[ ]** Square brackets or brackets  
**{ }**Curly brackets or braces

// // Strings method

var txt = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";

var a = txt.length;

//

// //

var str = "Please locate where 'locate' occurs!";

var pos = str.indexOf("locate");

// //

console.log(pos);

// //

// // var str = "Please locate where 'locate' occurs!";

// // var pos = str.lastIndexOf("locate");

// // console.log(pos);

// // //

// // var str = "Please locate where 'locate' occurs!";

// // var pos = str.indexOf("locate);

// // //

// var str = "Please locate where 'locate' occurs!";

// var pos = str.search("locate");

// // console.log(pos);

// // // slice(start, end)

// // // substring(start, end)

// // // substr(start, length)

// // //

// var str = "Apple, Banana, Kiwi";

// var res = str.slice(7, 13);

// console.log(res);

//

// var str = "Apple, Banana, Kiwi";

// var res = str.slice(-12, -6);

// // //

// // // var res = str.slice(7);

// // // var res = str.slice(-12);

// // //

// var str = "Apple, Banana, Kiwi";

// var res = str.substring(7, 13);

// var res = str.substring(7);

// console.log();

//

// var str = "Apple, Banana, Kiwi";

// var res = str.substr(7);

// var res = str.substr(-4);

//

// str = "Please visit Microsoft!";

// var n = str.replace("Microsoft", "Developers Institute");

// var n = str.replace("MICROSOFT", "Developers Institute");

// // //

// var text1 = "Hello World!"; // String

// var text2 = text1.toUpperCase();

// var text2 = text1.toLowerCase();

//

// var text1 = "Hello";

// var text2 = "World";

// var text4 = "FAin";

// var text3 = text1.concat(" ", text2, text4);

// console.log("text3",text3);

// //

// var str = " Hello World! ";

// str = str.trim();

// console.log(str);

// //

var str = "HELLO WORLD";

str.charAt(0);

// //

var str = "hELLO WORLD";

str.charCodeAt(0)

console.log("charCodeAt",str.charCodeAt(0));

// //

var str = "HELLO WORLD";

str[0];

// //

// //

// console.log();

Concat =merge multiple arrays

*// Array Methods*

​

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// // fruits.toString();*

*// console.log(fruits);*

*// console.log(fruits.toString());*

​

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// let f = fruits.join(" ");*

*// console.log(f);*

*//*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// // Removes the last element ("Mango") from fruits*

*// console.log(fruits.pop());*

*// console.log(fruits);*

*// //*

*// // var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// var x = fruits.pop();*

*// console.log(x); // the value of x is "Mango"*

*// console.log(fruits);*

​

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits.push("Kiwi");*

*// console.log(fruits);*

*// Adds a new element ("Kiwi") to fruits*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// var x = fruits.push("Kiwi"); // the value of x is 5*

*// console.log(x);*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits.shift();*

*// console.log(fruits);*

*// // Removes the first element "Banana" from fruits*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits.unshift("Lemon"); // Adds a new element "Lemon" to fruits*

*// console.log(fruits);*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits.unshift("Lemon"); // Returns 5*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits[0] = "Kiwi"; // Changes the first element of fruits to "Kiwi"*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits[fruits.length] = "Kiwi"; // Appends "Kiwi" to fruits*

*// console.log(fruits.length);*

*//*

*// var myGirls = ["Cecilie", "Lone"];*

*// var myBoys = ["Emil", "Tobias", "Linus"];*

*// var myChildren = myGirls.concat(myBoys);*

*// console.log(myChildren); // Concatenates (joins) myGirls and myBoys*

*//*

*// var arr1 = ["Cecilie", "Lone"];*

*// var arr2 = ["Emil", "Tobias", "Linus"];*

*// var arr3 = ["Robin", "Morgan"];*

*// let arr4 = arr1.concat(arr2, arr3);*

*// console.log(arr4); // Concatenates arr1 with arr2 and arr3*

*//*

*// var arr1 = ["Cecilie", "Lone"];*

*// var myChildren = arr1.concat(["Emil", "Tobias", "Linus"]);*

*//*

*// var fruits = ["Banana", "Orange", "Lemon", "Apple", "Mango"];*

*// var citrus = fruits.slice(1);*

*// console.log(citrus);*

*//*

*// var fruits = ["Banana", "Orange", "Lemon", "Apple", "Mango"];*

*// var citrus = fruits.slice(3);*

*// console.log(citrus);*

​

*// var fruits = ["Banana", "Orange", "Lemon", "Apple", "Mango"];*

*// var citrus = fruits.slice(1, 3);*

*// console.log(citrus);*

*//*

*// var fruits = ["Banana", "Orange", "Apple", "Mango"];*

*// fruits.toString();*

Last login: Mon Jun 27 14:58:30 on ttys000

charlestraubro@Charless-MacBook-Pro ~ % cd desktop

charlestraubro@Charless-MacBook-Pro desktop % cd coding-2022

charlestraubro@Charless-MacBook-Pro coding-2022 % cd python-week-2

charlestraubro@Charless-MacBook-Pro python-week-2 % cd day-2

charlestraubro@Charless-MacBook-Pro day-2 % cd exercise-1

charlestraubro@Charless-MacBook-Pro exercise-1 % git status

On branch master

nothing to commit, working tree clean

charlestraubro@Charless-MacBook-Pro exercise-1 % git status

On branch master

nothing to commit, working tree clean

charlestraubro@Charless-MacBook-Pro exercise-1 % git push origin main

error: src refspec main does not match any

error: failed to push some refs to 'origin'

charlestraubro@Charless-MacBook-Pro exercise-1 % cd ..

charlestraubro@Charless-MacBook-Pro day-2 % cd ..

charlestraubro@Charless-MacBook-Pro python-week-2 % cd ..

charlestraubro@Charless-MacBook-Pro coding-2022 % cd ..

charlestraubro@Charless-MacBook-Pro desktop % cd codind-2022

cd: no such file or directory: codind-2022

charlestraubro@Charless-MacBook-Pro desktop % cd coding-2022

charlestraubro@Charless-MacBook-Pro coding-2022 % ls

Prep-Bootcamp Python-week-1 Python-week-2 README.md

charlestraubro@Charless-MacBook-Pro coding-2022 % git add .

charlestraubro@Charless-MacBook-Pro coding-2022 % git commit -m "exercise1"

rebase in progress; onto c086182

You are currently rebasing branch 'main' on 'c086182'.

nothing to commit, working tree clean

charlestraubro@Charless-MacBook-Pro coding-2022 % git push -u origin main

To https://github.com/charletraubro/DI\_Bootcamp.git

! [rejected] main -> main (non-fast-forward)

error: failed to push some refs to 'https://github.com/charletraubro/DI\_Bootcamp.git'

hint: Updates were rejected because a pushed branch tip is behind its remote

hint: counterpart. Check out this branch and integrate the remote changes

hint: (e.g. 'git pull ...') before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

charlestraubro@Charless-MacBook-Pro coding-2022 % cd ..

charlestraubro@Charless-MacBook-Pro desktop % mkdir new\_repo

charlestraubro@Charless-MacBook-Pro desktop % cd new\_repo

charlestraubro@Charless-MacBook-Pro new\_repo % ls

charlestraubro@Charless-MacBook-Pro new\_repo % git clone https://github.com/charletraubro/DI\_Bootcamp.git

Cloning into 'DI\_Bootcamp'...

remote: Enumerating objects: 181, done.

remote: Counting objects: 100% (181/181), done.

remote: Compressing objects: 100% (127/127), done.

Receiving objects: 28% (52/181), 16.18 MiB | 132.00 KiB/s

let str = prompt('Please find my Nemo ?');

let arr = str.split(' ');

console.log(arr.indexOf('Nemo'));

// let start = str.indexOf('Nemo');

// console.log(str);

// console.log(start);

// console.log(start+4);

// console.log(str.substring(start,start+4));

//

// str = str.substring(start+5,str.length);

// console.log(str);

// start = str.indexOf('Nemo');

// console.log(str.substring(start,start+4));

//

// str = str.substring(start+5,str.length);

// console.log(str);

// start = str.indexOf('Nemo');

// console.log(str.substring(start,start+4));

//My Nemo is sleeping