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Session Date: 4/14/2023 2:30AM ET

Length: 40.8 minute(s)

Subject: Computer Science - Web Design

Print Transcript

Replay Session (<https://lhh.tutor.com/Classroom/HTML5/Default.aspx?RSId=81fc42bc-a996-4e1a-bdd0-48668e6dd857>)

System Message

[00:00:00] *** Please note: All sessions are recorded for quality control. ***

Tuesdaie (Customer)

[00:00:00] *** The student has 392 minutes remaining. ***

System Message

[00:00:00] Tool Added > Whiteboard

Tuesdaie (Customer)

[00:00:01] css help [File > https://lhh.tutor.com/SharedSessionFiles/328d7790-c5e4-4615-b66b-74edc0c71404_favoritecity-mockup.jpg (https://lhh.tutor.com/SharedSessionFiles/328d7790-c5e4-4615-b66b-74edc0c71404_favoritecity-mockup.jpg).]

System Message

[00:00:16] Tool Added > Code Editor

Tuesdaie (Customer)

[00:00:23] hello

Kayla P (Tutor)

[00:00:28] Hello let me review this 😊

System Message

[00:00:29] Tool Added > Code Editor

Tuesdaie (Customer)

[00:00:53] ive attached an html file and a mock up

[00:01:19] i need help creating a css file for this.

[00:01:34] is this something you can help with?

Kavla P (Tutor)

tutor.com e got this HTML file and you know what you want it to look like, but you need help with the css?

Tuesdaie (Customer)

[00:01:51] yes

[00:02:30] i can extract css code from my mock up, but i dont know how to link it

[00:03:32] i have a css template for this html file where i can substitute information but its thousands of line of code

[00:04:15] and it keeps crashing this tutoring program so i want to try starting from scratch

Kayla P (Tutor)

[00:05:19] Alright, I've only got about 30 minutes available and this is going to take longer than that, but we can definitely get started!

Tuesdaie (Customer)

[00:05:54] my main objective is to learn something

Kayla P (Tutor)

[00:06:05] Sure

Tuesdaie (Customer)

[00:06:32] so what ever tips and help you can give me i would really appreciate

Kayla P (Tutor)

[00:06:33] Lets start by making a rough drawing of the layout and how you plan to handle it

System Message

[00:06:44] Tool Added > Whiteboard

Kayla P (Tutor)

[00:08:46] So first lets start with the primary structuring of the site

[00:08:53] We need a navbar at the top

[00:09:16] It looks like an image with some text on it afterwards

Tuesdaie (Customer)

[00:09:14] ok

Kayla P (Tutor)

[00:09:25] and then a div with our main content

Tuesdaie (Customer)

[00:09:36] body

Kayla P (Tutor)
tutor.com ch CSS do you know?

Tuesdaie (Customer)
[00:10:53] i understand it a little

Kayla P (Tutor)
[00:11:21] Alright, how comfortable are you with the box model and display: flex?

Tuesdaie (Customer)
[00:12:00] first time hearing about this

Kayla P (Tutor)
[00:13:47] So the display property defaults to block, and it quite literally just dumps all of your html one after another with no real layout. It doesn't know how to put things side by side

Tuesdaie (Customer)
[00:14:19] right
[00:14:32] i understand that

Kayla P (Tutor)
[00:14:53] display: flex gives you a ton more flexibility on how you can move things
[00:15:06] I have an excellent chart that summarizes how to use it, lets see if I can find it real quick
[00:15:46] - <https://css-tricks.com/snippets/css/a-guide-to-flexbox/> (<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>).

System Message
[00:17:06] Tool Added > Text Editor
[00:17:08] Tool Added > Text Editor

Kayla P (Tutor)
[00:18:13] So we'll definitely want to use flexbox for the main body of the document to lay out your cards side by side
[00:18:23] We can probably use inline-block for the navbar
[00:18:47] We're starting with a fresh CSS file, yeah?

Tuesdaie (Customer)
[00:19:19] yes
[00:20:17] so the body is a container, the outer most container

Kayla P (Tutor)
[00:20:27] Yes

Tuesdaie (Customer)

tutor.com he first object is the nav container

[00:21:19] then inside the nav container are the nav links/buttons

Kayla P (Tutor)

[00:23:05] So to get you started, lets focus on the navbar for now

Tuesdaie (Customer)

[00:23:18] ok

Kayla P (Tutor)

[00:24:04] In your HTML you have a nav element on line 13 that ends on line 46

[00:24:15] To get some practice in with flexbox, lets use that

Tuesdaie (Customer)

[00:24:16] right

Kayla P (Tutor)

[00:24:37] So in our new CSS file on item 3, lets add some rules to the nav element

Tuesdaie (Customer)

[00:24:48] ok

Kayla P (Tutor)

[00:25:02] First we have to declare that it'll be a flex parent container

[00:25:20] now all of the elements inside of <nav> are flex items

Tuesdaie (Customer)

[00:25:43] what is flex

[00:25:55] what do you mean by flex

Kayla P (Tutor)

[00:26:21] Flex is a display property option, and the easiest way to lay out your page with items side by side

Tuesdaie (Customer)

[00:26:31] ok

Kayla P (Tutor)

[00:27:40] Based on the HTML you have already, you probably want to apply the display flex property to the div on line 14, because you have another container before your items

[00:28:01] It's got a class of "container" so we can target it like this

[00:28:27] On line 11 of the CSS page

Tuesdaie (Customer)
tutor.com wrap?

Kayla P (Tutor)

[00:31:02] Wrap is moving content around if the viewport gets too small (aka there's too much on the screen, or you shrink your browser)

Tuesdaie (Customer)

[00:31:33] ok

Kayla P (Tutor)

[00:32:44] So these are the 5 big properties for flexbox

[00:33:40] If you haven't already, I highly recommend you look at the cheatsheet I sent you

[00:33:46] I can send it again if you need

Tuesdaie (Customer)

[00:33:54] what about color?

Kayla P (Tutor)

[00:34:20] The rest of your properties will be standard css stuff that you probably already know

[00:34:48] Some of the things I can see offhand would be setting a background-color of yellow for your body element

Tuesdaie (Customer)

[00:34:57] just add the property rules inside the brackets

Kayla P (Tutor)

[00:35:09] Yep

Tuesdaie (Customer)

[00:35:11] for that container

[00:35:20] ok this helps a lot

Kayla P (Tutor)

[00:35:28] CSS gets tricky in the finer details, but yes, you are just setting specific rules for each item

Tuesdaie (Customer)

[00:36:10] i need to get familiar with the layout rules, recognizing them and applying them

Kayla P (Tutor)

[00:36:34] So I'm technically off shift, I don't mind answering a few more questions if you have them, but if you'd like to continue working I can transfer you to another web design tutor, or you can request another session yourself so you get the full 60 minutes

[00:36:49] Did you have any other questions you want to ask me before you go?

Tuesdaie (Customer)

tutor.com have anymore resources for me, id really appreciate it other than that you have helped me get started.

Kayla P (Tutor)

[00:37:37] - <https://css-tricks.com/snippets/css/a-guide-to-flexbox/> (<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>).

[00:37:48] This is really your best friend when learning flex, I highly recommend it

Tuesdaie (Customer)

[00:37:48] thank you so much

System Message

[00:37:55] *** Uploading file from Kayla P (Tutor)... ***

Kayla P (Tutor)

[00:37:56] [File Shared > Inspect Elements.png \(https://prv.tutor.com/SharedSessionFiles/d873400e-005b-4781-9a4f-79eafb2f3db6_Inspect Elements.png\)](#)

[00:38:17] I also recommend learning how to use your devtools in your browser if you don't already. This screenshot gives you a general idea of how to get to it

[00:38:41] But you can see all of your elements, the CSS that's being applied, and adjust the CSS live in your browser to test and try things

Tuesdaie (Customer)

[00:39:06] ok

Kayla P (Tutor)

[00:39:38] Its your best friend when something doesn't look like you expected it to - it can tell you if your syntax is wrong, and highlight exactly where everything is in a clear visible format

[00:39:54] Would you prefer I transfer you, or would you like to request a new session?

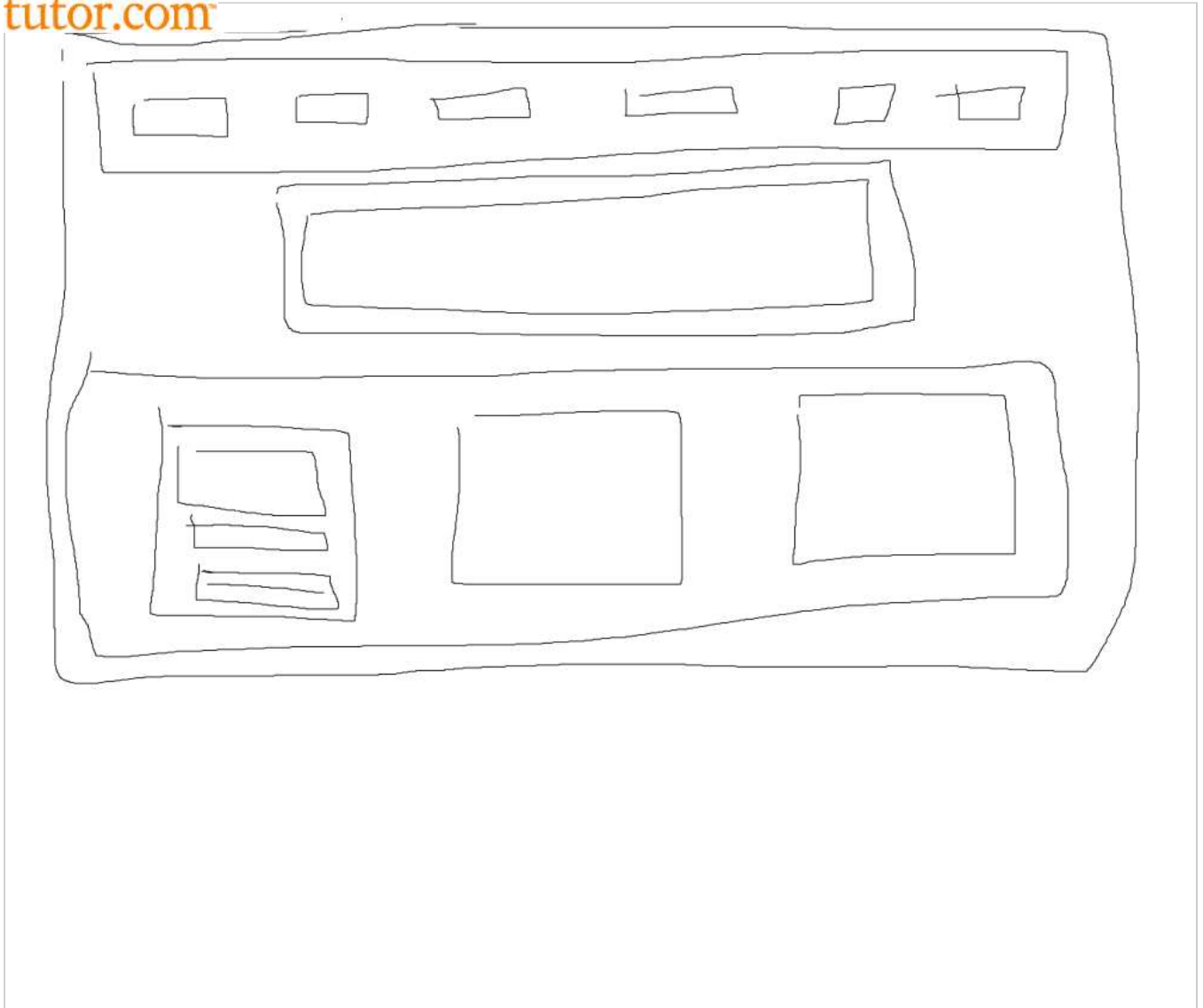
Tuesdaie (Customer)

[00:40:15] i will request a new session


Kayla P (Tutor)

[00:40:39] Alright, good luck with your page and have a nice night!

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```

1 <!DOCTYPE html>
2
3 
4 <meta charset="utf-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1">
7 <title>Bootstrap eCommerce Page Template</title>
8 <!-- Bootstrap -->
9 <link href="css/bootstrap-4.4.1.css" rel="stylesheet">
10
11 </head>
12 <body>
13 <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
14 <div class="container">
15 <a class="navbar-brand" href="#">Navbar</a>
16 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-
17 controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
18 <span class="navbar-toggler-icon"></span>
19 </button>
20 <div class="collapse navbar-collapse" id="navbarSupportedContent">
21 <ul class="navbar-nav mr-auto">
22 <li class="nav-item active">
23 <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
24 </li>
25 <li class="nav-item">
26 <a class="nav-link" href="#">Link</a>
27 </li>
28 <li class="nav-item dropdown">
29 <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-
30 haspopup="true" aria-expanded="false">Dropdown</a>
31 <div class="dropdown-menu" aria-labelledby="navbarDropdown">
32 <a class="dropdown-item" href="#">Action</a>
33 <a class="dropdown-item" href="#">Another action</a>
34 <div class="dropdown-divider"></div>
35 <a class="dropdown-item" href="#">Something else here</a>
36 </div>
37 </li>
38 <li class="nav-item">
39 <a class="nav-link disabled" href="#">Disabled</a>
40 </li>
41 </ul>
42 <form class="form-inline my-2 my-lg-0">
43 <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">
44 </form>
45 </div>
46 </nav>
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Javascript

Javascript

```

1 .background {
2   background-color: rgb(238, 221, 102);
3   position: absolute;
4   left: 0px;
5   top: 0px;
6   width: 1200px;
7   height: 1000px;
8   z-index: 2;
9 }
10
11 body {
12   background-color: yellow;
13 }
14
15 nav.container {
16   display: flex;
17   flex-direction: row; // This is the default but we are declaring it so you see it
18   flex-wrap: nowrap; // what happens if the window gets too small?
19   justify-content: space-around; // where does the information sit? Left, right or center? margins?
20   align-items: stretch; // how tall are the items? How do you align them vertically?
21 }

```


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B *I* [List icons] [Link icon]

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[Undo] [Redo] + [Formats] **B** *I* [List icons] [Link icon]

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