00:00 Okay, let's go ahead and practice with what we've learned, and we're going to open up the ponder responsive design, and we're going- to be putting together a app here with three scriptures on it, and the CSS that we're given is going to be showing it, um, designed with mobile first in mind, with the

00:23 three scriptures going down. In normal flow. And we go ahead and we have the body, the HTML, we have the mobile first, um, CSS, but then we're going to be working on the media queries together.

00:39 Alright, so let's go ahead and create those. Let's And I'm going to call mine Responsive.html. And I do want to give a little shortcut with the exclamation tab our enter.

00:55 Since I don't have that on my copied code and I'll give the title responsive design here. And now I can copy the code here into the body.

01:11 And it didn't really indent very well, so I'm gonna go ahead and make sure that's indented inside of body. Okay.

01:22 And we can see here that we have a header. This is what they call a hamburger menu. a sponsored menu.

01:31 We'll see what that one looks like here in a minute. And then we have the now with the links. We have a main section with our three scriptures here.

01:41 And each, each section will have that scripture title and. Paragraph and then we have a footer. Alright, go ahead and get our each or our CSS by the same name.

01:56 Again, you can organize with folders. If you don't want to have a whole bunch of files here. Alright, so I'll go down here, copy the CSS, and place that in.

02:09 Okay, one thing I want to do right off the bat is create that little mini reset that we talked about.

02:15 Make sure that the margins in padding, you're kind of, you can be, have complete control over those. So, I usually will do something like this.

02:27 I don't always do the box sizing border box. But, um, that would be considered kind of a little mini reset there.

02:35 I can also, um, bring in a normalize file, which kind of makes all the browsers kind of start on the same page, all the little inconsistencies with each browser.

02:45 Um, can be handled with this normalize file, and I'll usually just Google normalize file. I do like this CDN.js. Yes.

02:57 And it brings in the cloudplayer.com. You can use their link, or you can use their URL. Their link is quite large, but that's fine.

03:08 Let me go ahead and, Turn on my word wrap so you can see that come in. And then you also will have your own CSS file to link.

03:20 And you want to put that underneath the normalized link. Oh, and then, Another thing with the normalized. This one I chose has the word, or the dot min in it.

03:32 That just means they've taken out all the spaces. So that it probably will run just a little bit faster than, Maybe this one would.

03:41 Alright, so we'll call CSS file. Responsive dot CSS. And then anything, since mine is below this one, any exact targeted elements will be overridden by mine because it's going to be later, unless there's a much higher specificity.

04:03 So I would always put your own personal CSS below any other CSS that you might have linking in here. Alright, so now we can take a look and go through what's happening here.

04:19 Alright, so this should look good on a phone right now, because we have started with the mobile first design. And here's that little hamburger menu, they call it, or responsive menu.

04:32 And it's just a very common symbol that you'll see that people know that that's gonna be a menu when they click it.

04:38 Art is not doing anything right now when we click it, because we'll need to do JavaScript in another, um, assignment, not this, not this assignment.

04:46 So, but that's what these three little bars are. And they needed some CSS so you could kind of see them.

04:53 And we'll see that in just a minute. Okay, so we did import a Google font called Roboto. And we are applying that to the whole body so it will, All of the children will inherit that font.

05:07 And then our header, main and footer, are gonna have a max width of 1,000. So each of those sections will stop growing at 1,000 pixels.

05:17 And we, We also have margins around each one of them. This is actually centering it because we have top, bottom, one area, and left, right, automatically give equal portions.

05:29 So that's gonna center that. They do have a border. It's really hard to see, but it's this little one pixel.

05:34 It's a light gray border around each of them, and they each have some padding and a background color of light blue for a header, meaning a footer, but not the body.

05:43 That's why the body's still white. Alright, our H1 is centered here. Each section which holds the- the scriptures has some padding, background white, some margin, and again that same light gray one pixel solid border.

06:00 Our nav A is actually not showing right now, so it's display none. Um, but if I change this to display block, which is what JavaScript will do another assignment, then it is kind of in the right order.

06:15 We want it to be block when it's, um, small on a phone like this, and later JavaScript will be added to, You know, take that away and show it as people will click the three bars.

06:27 But for now, we'll go ahead and leave that to be none. Oh, before I save that though, you can see also, um, we've taken off- on the hover, the underline, and the color.

06:42 So we have a little bit of a hover effect there. Okay, and we'll go ahead and save this so that goes away.

06:48 Alright, the menu button, we've changed it so that when you hover over it, it'll have the the little hand instead of the pointer with this cursor pointer.

06:58 And then we have it no border and no background color because by default button, by take those off, buttons will have a border with a white background.

07:08 So, because we wanted to take that off, we went ahead and put those things. Okay, to make those three little divs with the class bar one, two, and three, these three little buttons, we did give them a width, height, color, margin.

07:21 Alright, and then the footer is centered. Okay, so that is our mobile- first CSS that was given to us, shouldn't be too much, anything much new except for that reset that we put in there.

07:33 Alright, so now, at this point, if we look back at the- what we want to be having happening here, we wanted it to go- so two columns on a tablet and three on a desktop.

07:45 So, we're done with our normal CSS for mobile first, but now we need to add some more CSS as the screen size gets bigger.

07:54 So, let's go ahead and add this last little po- version here, which is the media screen. All right. The app media screen and min with 700 pixels.

08:09 So, this is the condition that needs to be true before whatever CSS is inside. These curly braces is going to run.

08:16 So, we know that we want it to go to two columns when it gets to 700. And how do I know?

08:23 Why did I pick? 700. So, when I inspect this and look at how wide it is here, you'll notice up here in this corner, you're going to see the width and height pixels.

08:36 See that? So, I can say at a certain point, it's getting a little l- long, and maybe around 700 pixels, I want it to go to two columns.

08:47 So, really, it's just kind of up to you, um, what this number is going to be. So, 700 was just when I picked where I thought that, you know, this scripture here is going to be going along with just the two lines, and at 700 pixels, I want it to change to two columns.

09:02 So, we'll go ahead and coming here, and what we wanted to change, then, is that main section. The main section has our three sections with the description.

09:12 There's in them. And so those will be the children. And so I can set those up in a grid. Whoops.

09:24 And we can have two columns. Of equal sizes to begin with. So that when it gets to 700, do you see that?

09:35 Soon as it gets to 700, it pops into two columns, which is pretty cool. Now your user's not going to be sliding their screen around, but at, you know, the.

09:44 Or tablet size that might pop into two columns where it's on their phone, it would stay at the one. Alright, so another thing that you might see is someone might have already set up the grid up here, so they could have already said, well I know eventually.

10:00 Actually, it's going to be, um, oops, let me copy that. And they could have put this in mobile first. They could have put it in a grid, and then they could have put the grid template Black hair.

10:16 And I would have had to do down here. You don't have to ever repeat anything. We already had a main display grid above, but we would just change the value of the one thing we want to change.

10:32 So it already has to have a display grid. I'm not sure why this indented so far. And, but all we need to change then is going from one column to two.

10:44 So you may see something like that. It shouldn't have really changed much. It's still going to look a very, three.

10:49 Much the same, but you might see it two different ways like that. Alright, and then we also want to have that button, this responsive button, this hamburger menu to go away at that point, because now we've got enough room.

11:05 For our links to show. So we can come in here and say, hey, target that menu button. And that, just so you know, was right here, this whole little button with the three bars.

11:20 And we're gonna go ahead. And have it go away. So this is kind of your computational thinking a little bit.

11:25 Like, when my screen is a certain size, I don't need the hamburger button anymore, but I do need to have the menu links show.

11:33 So we're gonna definitely have to be changing this one as well. Okay, so now we'll go ahead and show those.

11:44 And you could say display block, but that's gonna put him kind of how we want him at mobile first. We want to go ahead and just leave him in line.

11:52 So I'm gonna. Just put in line so that they're coming across. We do want them to be kind of on the right side of the page, just because that's how we want to design it.

12:04 So I'm gonna take the whole nav and do a text, a line, right. As well. So they're kind of here over here on the right.

12:12 You could center them, you could do whatever you want it there. It's not a big deal, but they still have that same hover from mobile.

12:18 And they're looking pretty good. Okay, so now when I get to a thousand, So again, notice my, pixels up there.

12:29 And a thousand is where we also get that max with stopping the blue stops growing. And we also want it to come in with three columns at this point.

12:38 So I can add any number of media queries. So I can, I could add another media query. And remember, your media queries are always below the rest of your CSS.

12:49 So when you come in here and add more CSS, you want to make sure that your media queries are always staying at the bottom.

12:55 Don't start adding, you know, the mobile, first CSS underneath the media queries. It's not going to work very well. Okay, so media queries are always at the very bottom of your CSS, no matter what you're adding later.

13:09 Okay, all we need to change on this one is that, say, And grid template columns. I can copy this one.

13:18 And add one more column. That's all we need to do there. But I also need to change this to be 1,000.

13:24 Because we decided we wanted to wait till 1,000 to get them to be three columns. So now watch. When it goes, To a, to a thousand up there in that right corner.

13:33 Boom. It's gonna pop in and do the three columns. Which is super cool. So again, now they're on a desktop or a laptop.

13:42 They're gonna go ahead and see these three columns here. Yeah, it will look great. Alright, I think that's what we wanted to go over here.

13:55 We have two media queries. You can have more than two. You can have just one, um, but always always. Remember, they're below all the rest of your CSS.

14:04 So when I go up here and start editing some of this stuff, I don't ever want to put something below here.

14:09 I don't want to start typing any CSS below here. Alright, so there we have a responsive design here that- it's gonna go from mobile first, which was our normal CSS, and then added media-cree CSS as our screen got larger.

14:25 part two.