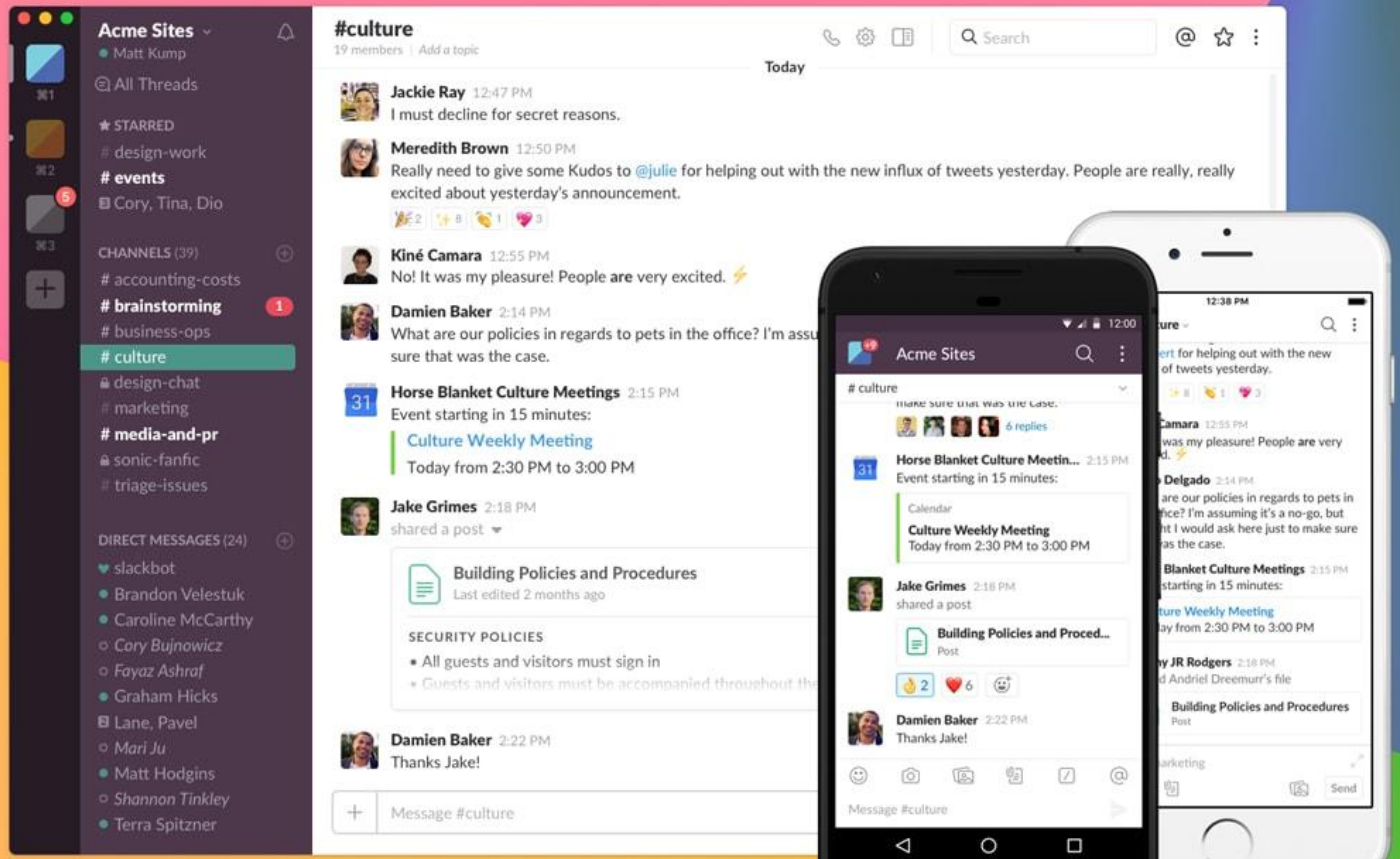
Responsive Design with Media Queries

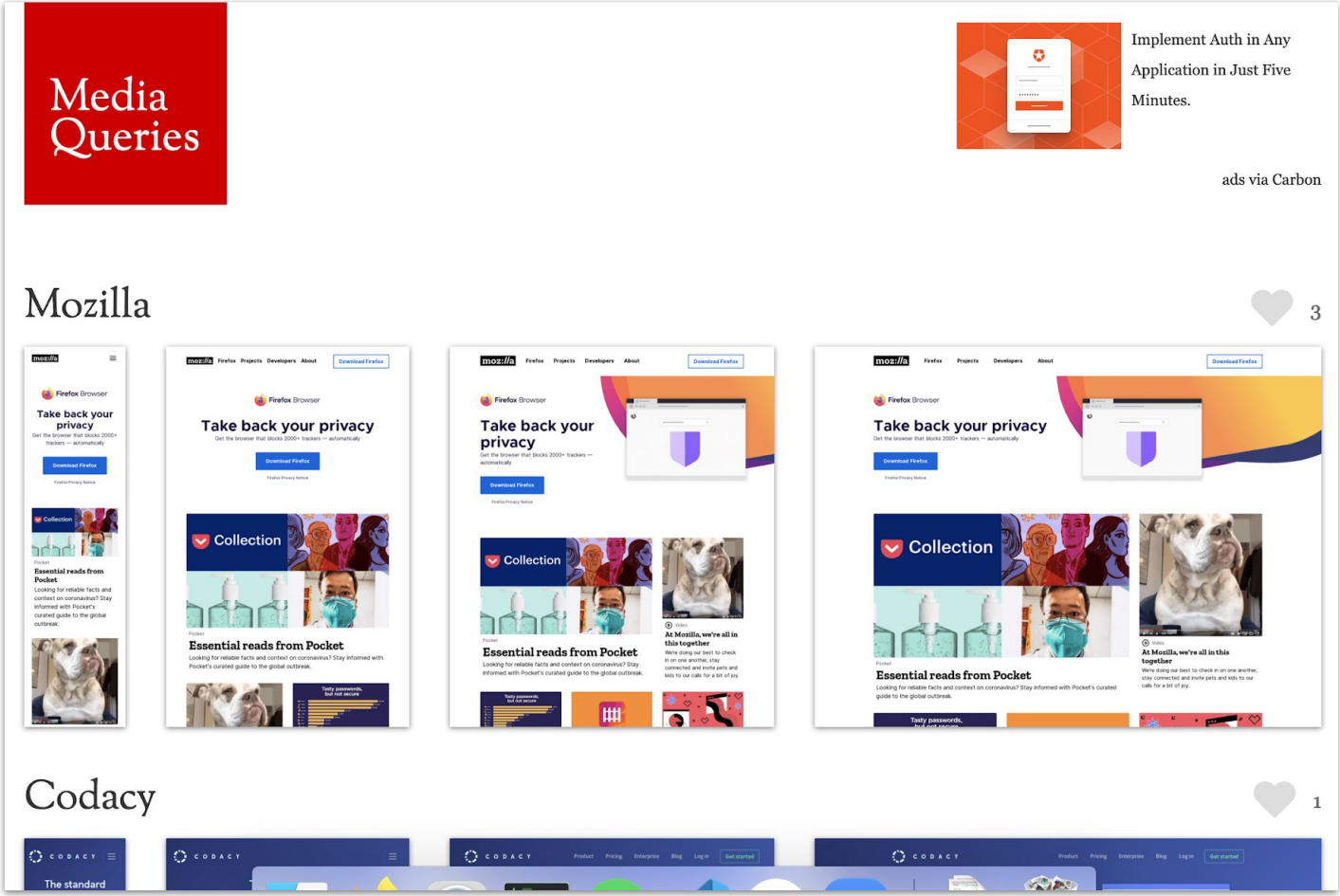
💡 What is responsive design?

Responsive Design is an approach to **web design** where web pages **respond** to **varying screen sizes**.

As a user switches from their phone to their laptop, the website should automatically switch to accommodate the different screen size and device.


Acme Sites
Matt Kump
All Threads
STARRED
design-work
events
Cory, Tina, Dio
CHANNELS (39)
accounting-costs
brainstorming
business-ops
culture
design-chat
marketing
media-and-pr
sonic-fanfic
triage-issues
DIRECT MESSAGES (24)
slackbot
Brandon Velestuk
Caroline McCarthy
Cory Bujnowicz
Fayaz Ashraf
Graham Hicks
Lane, Pavel
Mari Ju
Matt Hodgins
Shannon Tinkley
Terra Spitzner
#culture
19 members | Add a topic
Search
Today
Jackie Ray 12:47 PM
I must decline for secret reasons.
Meredith Brown 12:50 PM
Really need to give some Kudos to @julie for helping out with the new influx of tweets yesterday. People are really, really excited about yesterday's announcement.
Kiné Camara 12:55 PM
No! It was my pleasure! People are very excited.
Damien Baker 2:14 PM
What are our policies in regards to pets in the office? I'm assu
sure that was the case.
Horse Blanket Culture Meetings 2:15 PM
Event starting in 15 minutes:
Culture Weekly Meeting
Today from 2:30 PM to 3:00 PM
Jake Grimes 2:18 PM
shared a post
Building Policies and Procedures
Last edited 2 months ago
SECURITY POLICIES
• All guests and visitors must sign in
Damien Baker 2:22 PM
Thanks Jake!
Message #culture
Acme Sites
culture
6 replies
Horse Blanket Culture Meetin... 2:15 PM
Event starting in 15 minutes:
Calendar
Culture Weekly Meeting
Today from 2:30 PM to 3:00 PM
Jake Grimes 2:18 PM
shared a post
Building Policies and Proced...
Post
Damien Baker 2:22 PM
Thanks Jake!
Message #culture
12:38 PM
Send

https://mediaqueri.es/



💡👉 Media Queries

Media Queries are a technique we can use in CSS. We use the `@media` rule to include **blocks of CSS properties**, only if our **specified condition** is true.

Screens that are 500px wide or above:

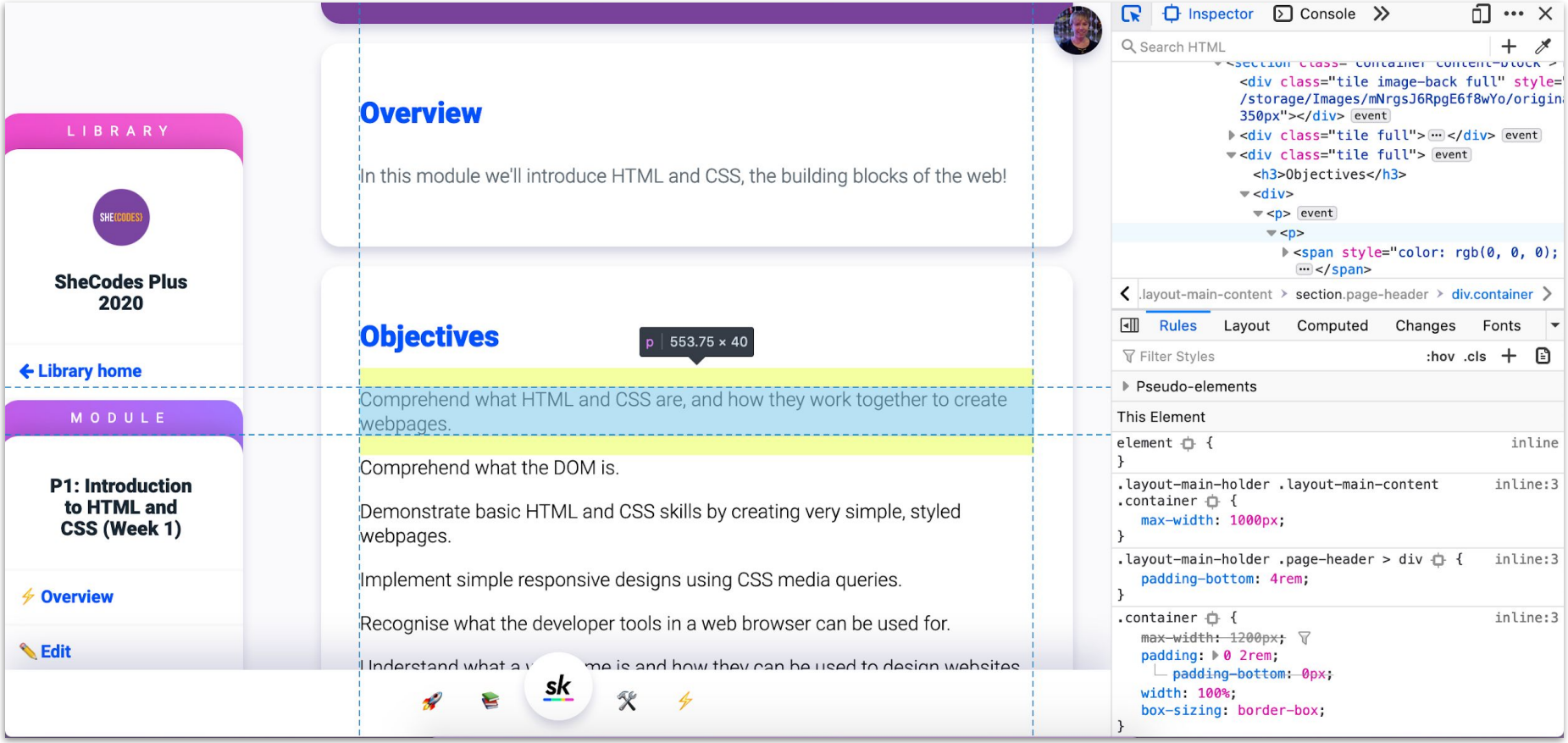
```
@media (min-width: 500px) {
    /* some styles */
}
```

Screens that are 500px wide and below:

```
@media (max-width: 500px) {
    /* some styles */
}
```

media-queries-demo

💡👉 Developer Tools



👉Writing Media Queries

Open `introduction-to-media-queries` in your code editor, then open `index.html` in a web browser.

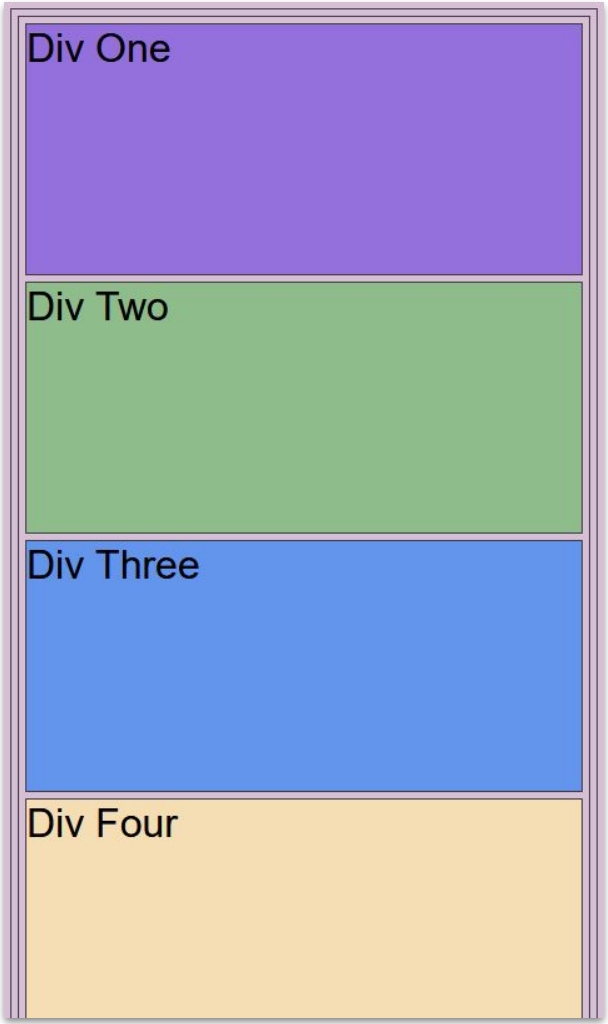
No matter the size of the screen, you'll see a layout of 4 `divs` layered one above the other.

Let's adapt this so for screens `500px` wide or larger, we see two divs per row.

Add the following to `styles.css`:

```
@media (min-width: 500px) {
    div {
        display: inline-block;
        width: 44%;
    }
}
```

✅ Refresh your browser and see what changed!



🤔 Challenge

Add another media query to show 4 `divs` in one row for screens of `900px` wide and above.

Change the font size at each breakpoint.

Change the colour of the divs so each row has the some colour divs at each breakpoint.

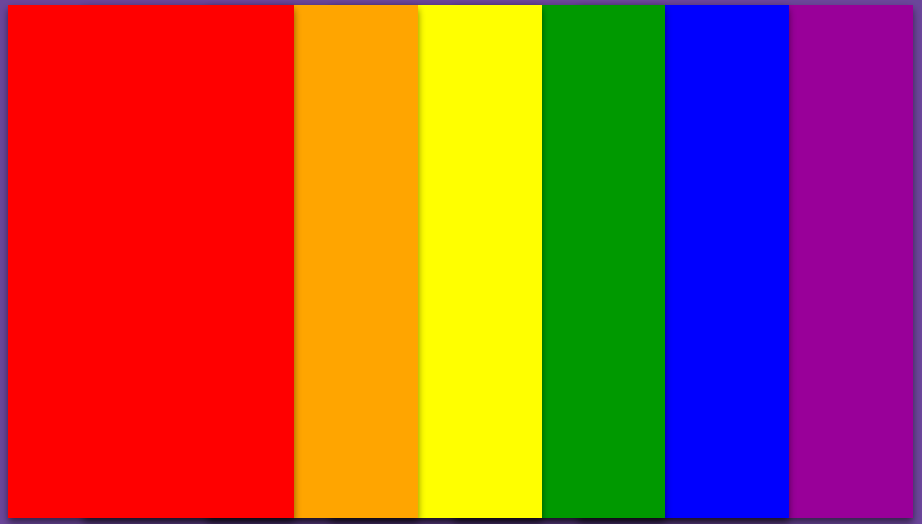
💡👉 Media Queries

Media Queries are a technique we can use in CSS. We use the `@media` rule to include **blocks of CSS properties**, only if our **specified condition** is true.

Screens that are 500px wide and below:

```
@media (max-width: 500px) {
    /* some styles */
}
```

🤔 Challenge

Try changing the media queries from `min` to `max` queries, and order them largest to smallest.

What changes?