

Welcome to Web Workshop by **DSC DTU**

Topics:

- HTML
- CSS
- Flexbox
- Media Queries

Github Repo for the Code Along -

<https://github.com/dsc-dtu/workshop-web-portfolio>

Live version of final website -

<https://bit.ly/2G83wmZ>

Feedback Form -

is.gd/NEKO6X

Official Website -

<https://dsc-dtu.github.io>



Developer Student Clubs

Introduction to **Media Queries**

Why should you care about media queries?

Introducing media queries

- Awesome new part of **CSS3**
- Simple way to feed different **CSS** based on characteristics of user's device
- Used to build **responsive/adaptive** designs
- Not:
 - for feeding styles based on browser
 - just for feeding styles based on viewport size

Media query syntax - Internal

English translation - Make the background gray.
But up to a maximum width of 500 pixels, make
the background blue.

OR

If the width of the screen is less than 500 pixels
make the background blue, else background is
gray.

```
body {  
    background: gray;  
}  
@media screen and (max-width:500px) {  
    body {  
        background: blue;  
    }  
}
```

Alternative

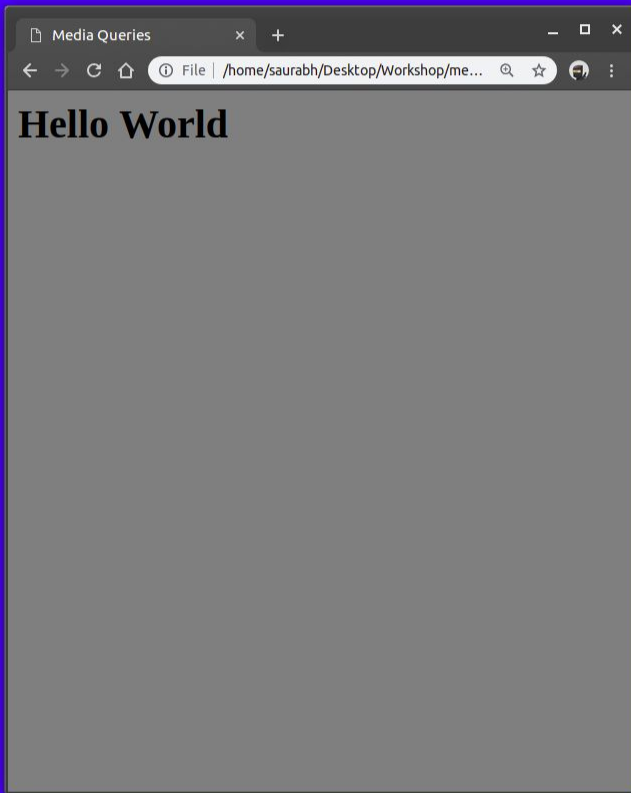
English translation - Make the background blue. But at and past the minimum width of 501 pixels, make the background gray.

OR

If the width of the screen is more than 501 pixels make the background gray, else background is gray.

```
body {  
    background: blue;  
}  
@media screen and (min-width:501px) {  
    body {  
        background: gray;  
    }  
}
```

Hello World



Media query syntax - External

In this the CSS file is excluded conditionally. In this example, the *narrow.css* would be included if the width is less than 500 pixels.

```
<link href="narrow.css" rel="stylesheet"  
media="only screen and (max-width:500px)">
```

Recommendation: **Internal**

It is recommended and a good practice to include media queries internally.

Main advantages are -

- No extra HTTP requests
- CSS is not out of sight

Let's write some
Media Queries

Thanks!

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