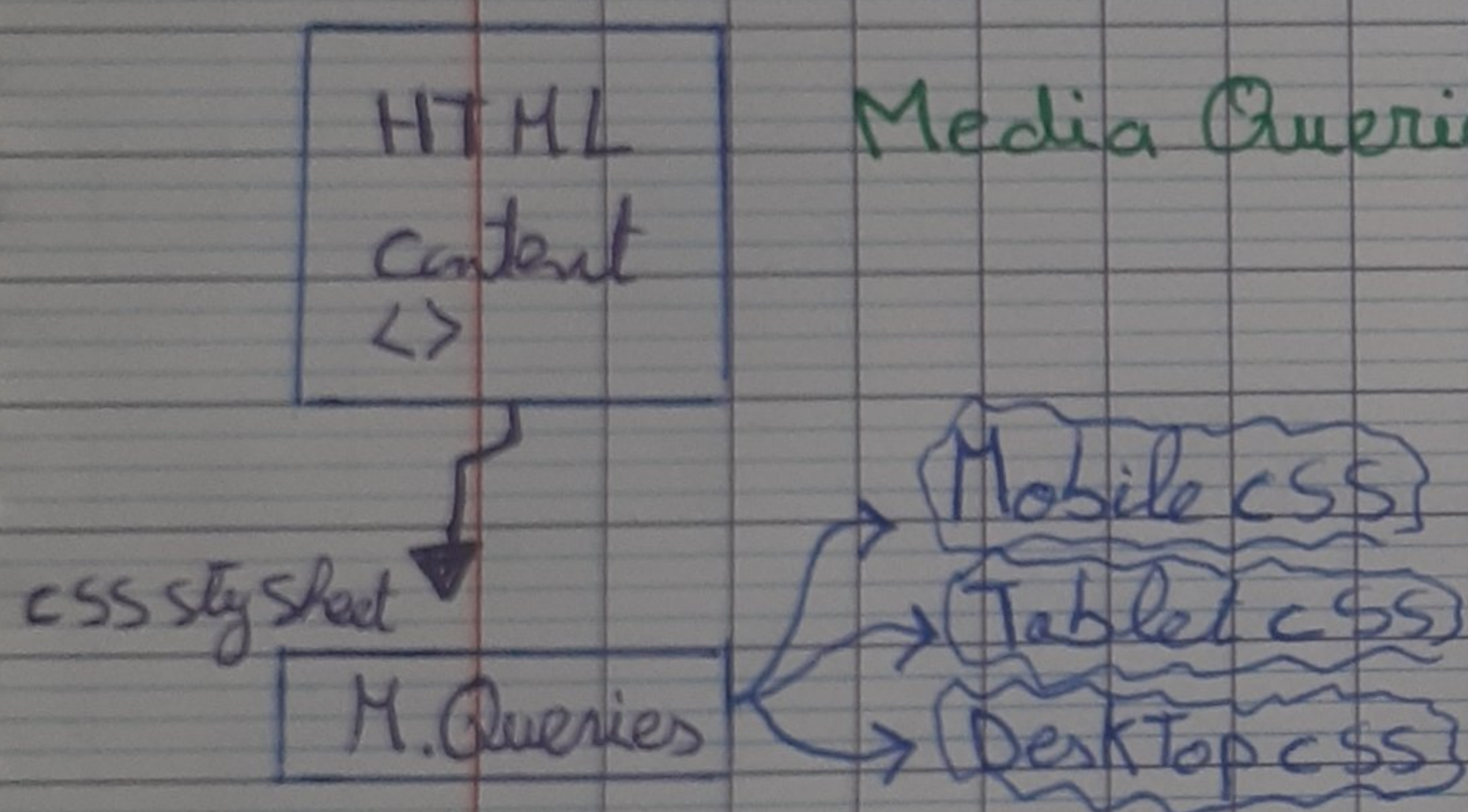


Media Queries

- CSS Technique in CSS₃
- Make your site responsive

↓ Someone can browse your Website from any device (desktop, laptop, phone...) and it will still look good & function perfectly → adaptable to # screen sizes

- Allow to apply # CSS styles depending on characteristics of user's device (Screen resolution, Width...)



Media Queries ⇔ Way to conditionnary apply CSS rules

- Tell the browser it should ignore or apply certain rules depending on the user's device

→ It uses @media rule To include a block of CSS propriety if a certain conditions is True.

Exple : CSS stylesheet

```
body
{
  background-color: blue;
}
```

@media print

```
{
  body {
    background-color: transparent;
  }
}
```

→ the background is set to blue but if The page is printed The background color should be transparent

together forever

media screen and (min-width: 600px)

• font { font-size: 8px; } Any style within this code block apply if screen size is 600px

Bootstrap

→ free front end framework to build responsive web design

↓
provide reusable ~~static~~ elements that can be used in more than one part of your website without having to recreate them.

→ includes Σ HTML (forms, buttons, tables, nav. --) & classes

→ You can use what you need from it & you have access to its elements by coding from it & pasting it to your code

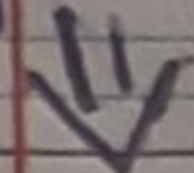
- ⊕ Saving time by using reusable elements to avoid duplicate code
- ⊕ Giving the ability to easily create responsive design
- ⊕ Clean and easily adaptable code
- ⊕ It is built on JS & CSS: There are 2 of most popular programming and style lang in existence
- ⊕ Easy to install & use [Link your HTML with S. sheet & Script files]
- ⊕ Mobile friendly (Adaptable)
- ⊕ Easy to customize \Rightarrow The code is open source you can do anything with it

⊕ Abbreviate the code instead of writing long code

exp

HTML \Rightarrow `<button type="button" class="btn btn-primary">B</>`

Replace



HTML `<input type="button" class="b">`

CSS style sh

```
.b
{
background-color:
color:
;
}
```

⊕ Responsive grid ??? create a grid layout
divide the screen to 12 eq. columns

⊖ Changing Bootstrap CSS file

↳ Do not modify bootstrap.css file
if you make changes to this fl, things will get complicated
you can modify in your own style sheet

⊖ Boot is known for being bloated because it includes everything that you might use. If you want to create a small and simple site, it's not going to be ideal

• You should work on CSS first. Boot is good but you can do a lot more if you have deep knowledge on CSS