

A decorative graphic on the left side of the slide consisting of a network of thin, light green lines and small circles, resembling a circuit board or a stylized tree structure, extending from the top to the bottom of the frame.

RESPONSIVE DESIGNS AND BOOTSTRAP

LET'S LEARN ABOUT RESPONSIVE DESIGNS AND HOW BOOTSTRAP MAKES OUR
LIFE EASIER

IN THIS LECTURE

- What is responsive UI?
- What is Bootstrap?
- How bootstrap can help us?
- Web page Layout
- Bootstrap Usage
- Bootstrap Example
- Homework

WHAT IS RESPONSIVE UI?

- A UI that adapts to the screen
- Looks clean, tidy, and beautiful on bigger as well as smaller screens
- Responsive UI is achieved through CSS
- Fluid designs and containers

WHAT IS BOOTSTRAP?

- Is there anything that will make our life easier?
- Am I going to write all that CSS?
- Can't I just reuse someone's else CSS?
- Yes, you can
- Answer is **BOOTSTRAP**

HOW BOOTSTRAP CAN HELP US?

- Bootstrap is a library which lets you apply classes to your html tags/elements
- Once the classes are added, CSS is applied to the element
- Bootstrap divides the web page layout into 12 columns
- You can combine/divide the columns and create rows
- This combination will result in your desired layout

WEB PAGE LAYOUT

- In every web page you can see rows and columns
- Every page can be divided into rows and columns
- The best way to figure out the layout of web page is to sketch it
- Bootstrap layout will have the following
 - Header for page header
 - Nav for navigation
 - Section for body of page
 - Footer for the page footer
- Link to bootstrap

```
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
```

BOOTSTRAP CLASSES

- Bootstrap has good documentation, <https://getbootstrap.com/>
- Here is a cheat sheet that is very helpful
- <https://hackerthemes.com/bootstrap-cheatsheet/>

BOOTSTRAP EXAMPLE

- VS Code

HOMEWORK

- Create a responsive profile page
- Add portfolio page to your profile page

WHAT IF I HAVE QUESTIONS

- You can send me your questions @ dev-questions@farjadhabib.com
- I check emails frequently
- I will try to respond within 24 hours
- Github Repository, <https://github.com/farjadhabib/YoutubeCodingLectures>

END OF LECTURE

- Next lecture will be on Javascript