



TECH SOCIETY

# Web Dev 101

## Session 1

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# About the course

Aimed at complete Beginners, and anyone with or without coding experience looking to increase their coding skills and considering making their own website or being a web developer.

## About Me



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My Name is Esraa Dandash, I am:

- 3<sup>rd</sup> Year Comp Sci at City.
- Trainee (digital office) at Societe Generale bank, London.
- Vice President at City Tech Soc.
- A Mechanical Eng. Student turned WiT and Web Dev instructor – starting today-! I go by Cleopatra In Tech!
- Lead Organiser for HackCity2019.
- Some other things that won't fit....

# How the Internet Works

Let's take this Example: You open you browser, and Type in [www.facebook.com](http://www.facebook.com).

What happens??



# Web Technologies

## Foundation:

- HTML
- CSS



## Programming Languages:

- JavaScript
- TypeScript
- Python



## Frameworks

### Front-End Frameworks: (Client side language)

- Bootstrap
- Angular.js
- React.js
- Vue.js



Vue.js

### Back-End Frameworks: (Server side language)

- Node.js
- Django
- Ruby On Rails



# Course Timeline & Resources



Resources will be added to every session's Resources section on GitHub, please notice that due to time restrictions, I really, really do recommend going through them in your own free time because we will not be able to cover everything in the sessions.

# Let's Start: HTML

1. Open github.com and sign up if you don't have an account.
2. Go to <https://github.com/eydandash/CityTechSoc-WebDev-101/>
3. Bookmark this page if you would like to reach it easily every session.
4. Download Session 1 and Find the resources in the recourses menu for every session.
5. Open index.html in your text editor (Exercise 1)
6. Follow the comments!
7. Solutions to the exercise will be in the same session folder as S1.html but give it a try first.
8. The cheat sheet provided in the first point under resources is very recommended to get an idea of different HTML tags.

See you next Monday  