Intro to HTML and CSS

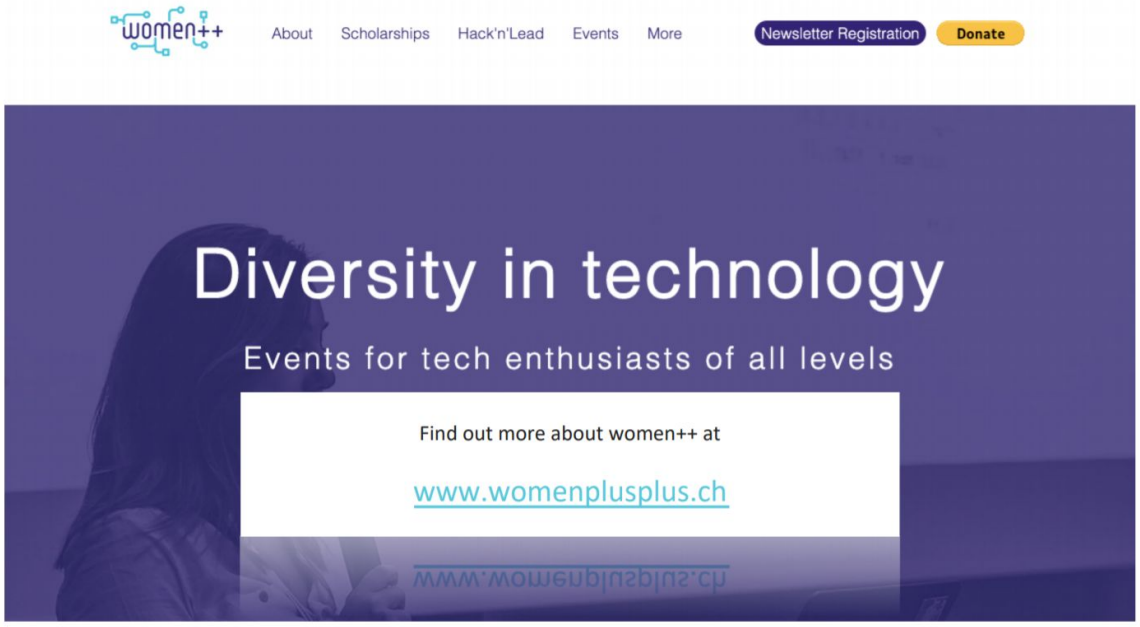
September 14, 2019

Agenda

- Introduction
- About Women++
- About Propulsion Academy
- Intro to HTML
- Livecoding
- Break
- Intro to CSS
- Livecoding together
- Break
- Individual work

women++

We are a Swiss non-profit association which is on a mission to support women in building and leading their careers in programming-related fields



Team

Aleksandra Sokolowska, PhD
Computational Scientist
Founder Women++

Diana Herrle
Marketing & Digital Communications expert

Mathias Keller
Project Manager Hack'n'Lead
Recruiting Expert / Software Consultant

Marta D'Angelo, PhD
Senior Data Scientist

Marina Petrova, PhD candidate
Data Scientist & Economist

Luisa Contreras
Project Manager Hack'n'Lead

Agustina La Greca
Deep Learning Engineer

Patricia Egger
Cyber Risk Senior Consultant

Mäelle Baud
Digital Marketing Expert

Chris Gwilliams, PhD
Technical Architect

Hack'n'Lead

84%

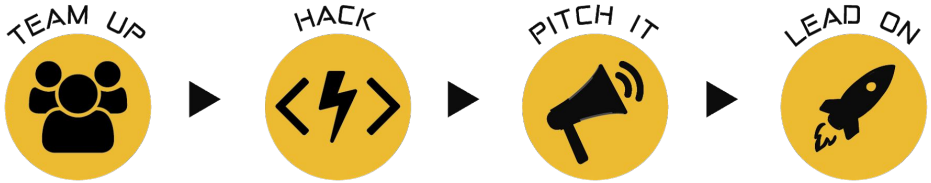
WOMEN PARTICIPANTS - 84% of Hack'n'Lead participants in 2018 were women

MENTORS - sponsors can maximize participant interaction by providing mentors to guide projects & learning

CHILDCARE - Childcare + Coding for Kids on-site. Changing generations.

SAFE SPACE - no overnight coding, healthy food on site and prep-events throughout the year ensure participants have a safe space and feel confident to contribute

GET CHALLENGED!



women++

Our workshop program https://www.womenplusplus.ch/prep

Workshop	Date	Expert	Description
Survival Kit for your first Hackathon	25.08.2019	Chris Gwilliams	1. Panel of former participants 2. Technical part with Chris Gwilliams - Opening the command prompt (Linux and Windows) - Basic commands and directory navigation - What Git is, how to use it and creating a basic website
Statistical methods for data analysis - machine learning	31.08.2019	Pietro Marino, Pavlin Mavriodiev and Badru Stanicki	1. Overview of most common algorithms 2. Practice on feature selection & clustering 3. Practice on forecast
Web Development: intro to HTML and CSS	14.09.2019	Tatiana Panferova, Evgenia Tokareva	1. Introduction to HTML 2. Basics of CSS 3. Exercises
Introduction to GraphQL Workshop - back-end	17.09.2019	Marion Schleifer	1. Introduction into GraphQL 2. sample project with Hasura's GraphQL API
Build Solid Web Apps using Angular and GraphQL	24.09.2019	Tomas Trajan and Gion Kunz	Creating a front-end web application using Angular
Courage to LEADership	22.10.2019	Gabriela Müller Mendoza	hands-on examples and exercises to help you achieve and master your next career milestones

Propulsion Academy

Full and part-time Full-Stack Development, Data Science, Big Data Engineering bootcamps

Hands-on and project-oriented approach

Curricula representing actual industry needs

Incubator-like atmosphere

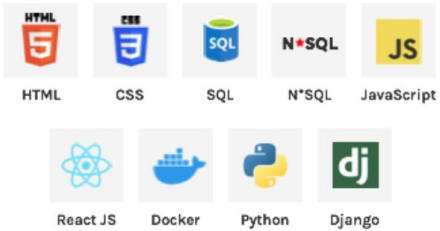
Core programs, full-time:

Full-Stack Development

Duration: 12 weeks, full-time

Objective: build web-based applications, front and back-end … job!

Technologies/concepts:



Data Science

Duration: 12 weeks, full-time

Objective: learn techniques and technologies to process real-world data … job!

Technologies/concepts:

Next classes

{Propulsion}

Full-Stack

Nov. 11 – Feb. 14, 2020

Registration open

Data Science

Nov. 11 – Feb. 14, 2020

Registration open

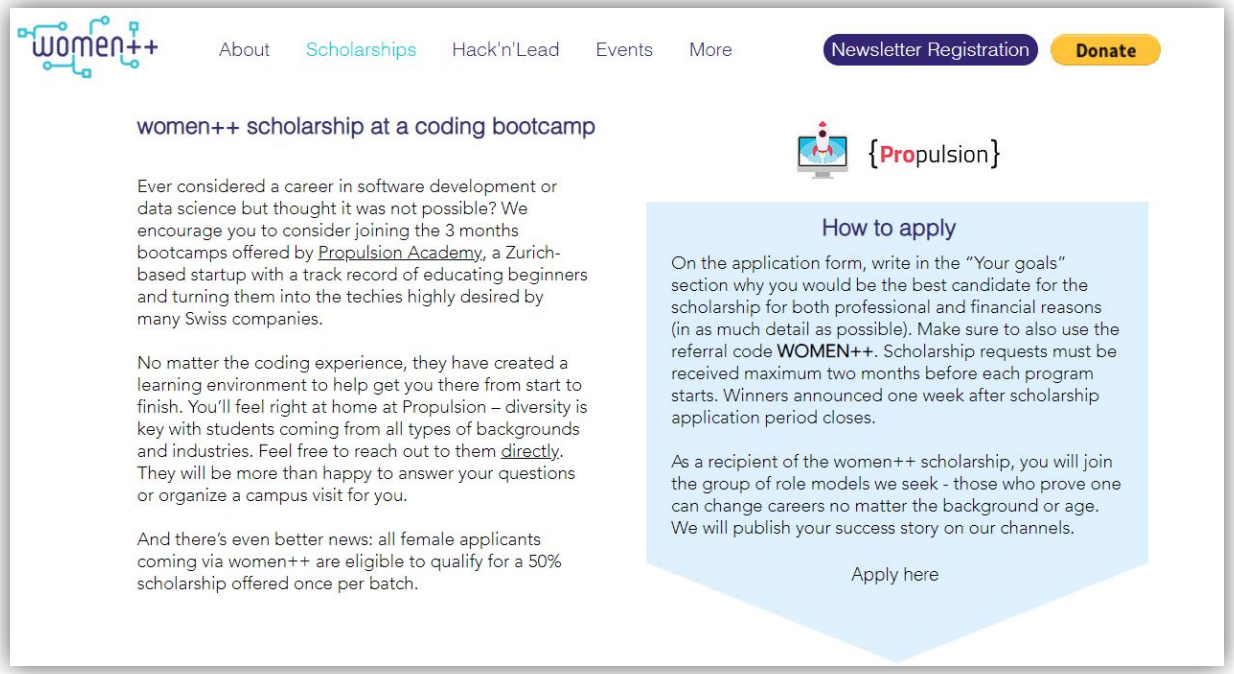
DATAOPS

Nov. 11 – Dec. 20, 2019

Registration open

women++ scholarships

https://www.womenplusplus.ch/scholarships



About Us

Evgeniya Tokareva

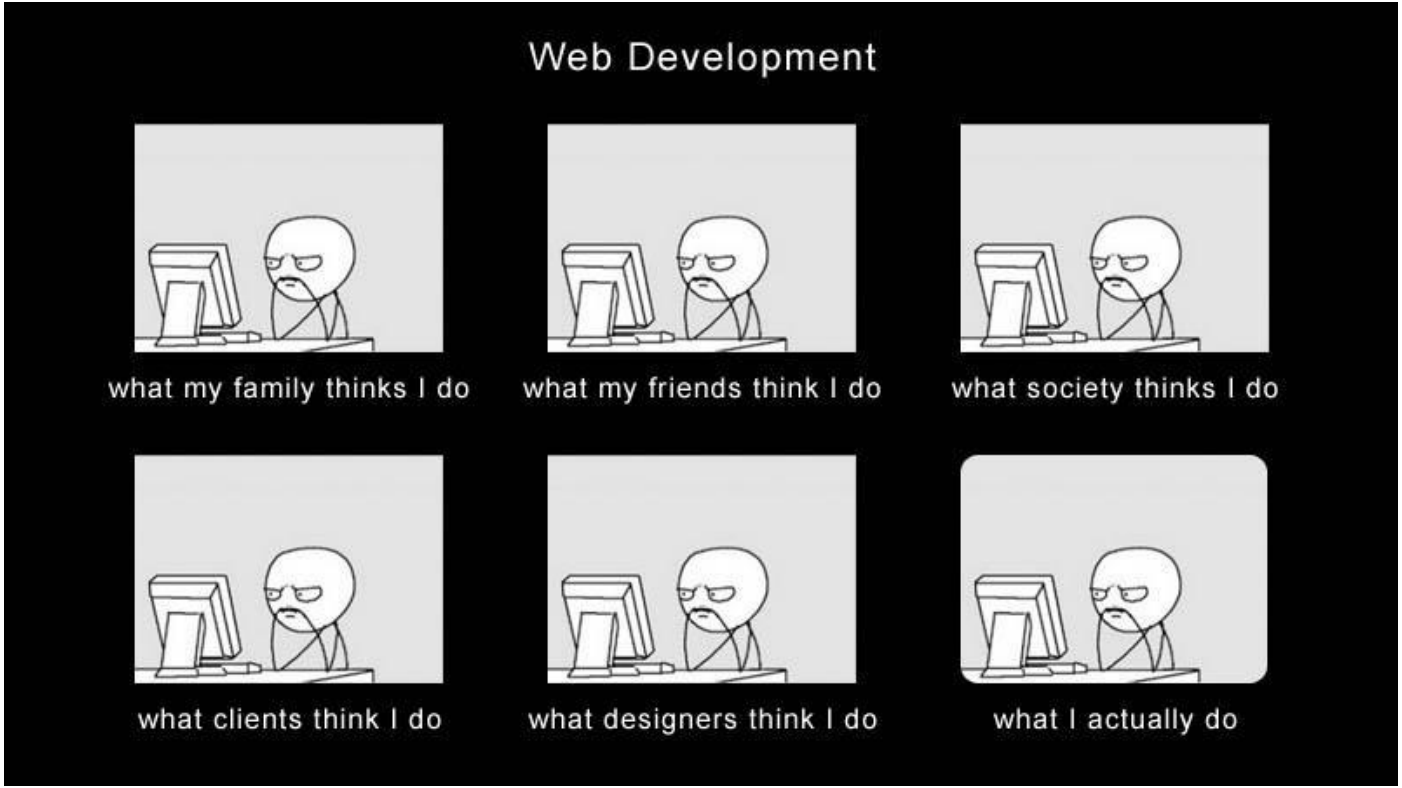
https://www.linkedin.com/in/evtokareva/

Tatiana Panferova

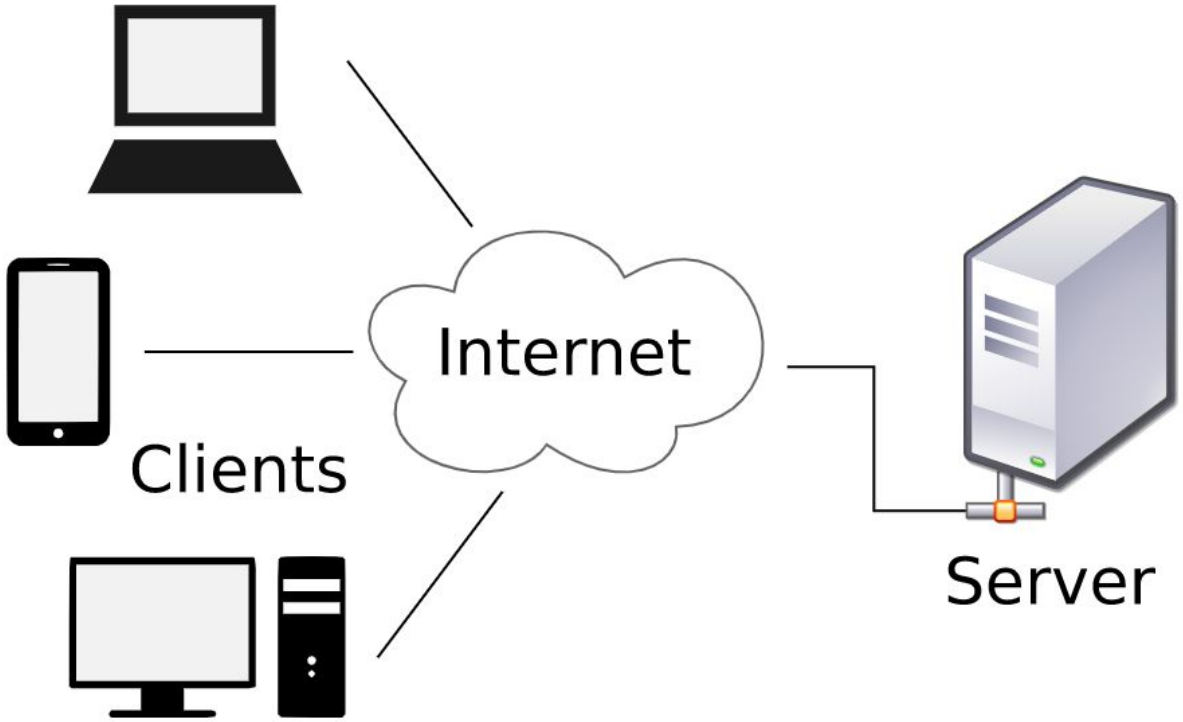
https://www.linkedin.com/in/tatiana-panferova/

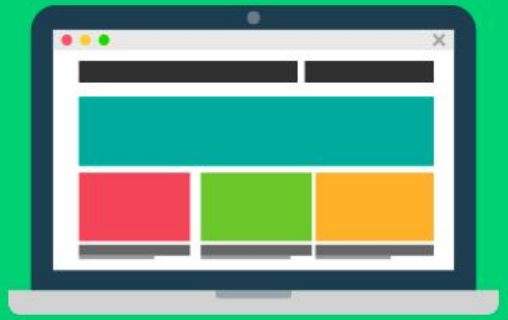
https://github.com/TatianaPan

Before we start...



Client-server model



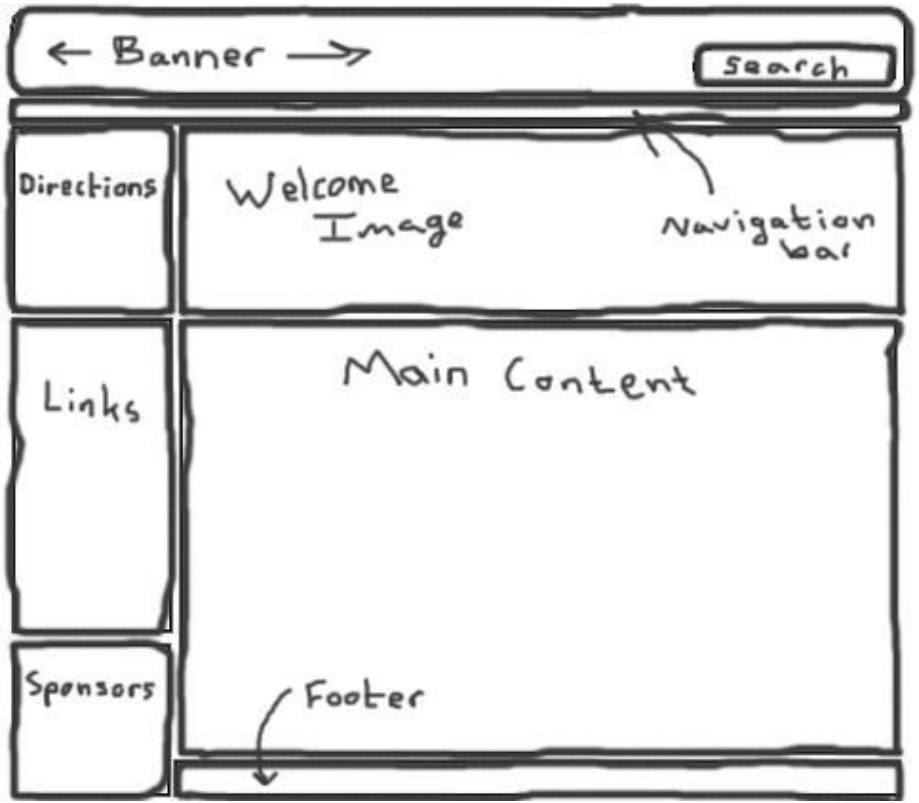


FRONTEND

BACKEND

Frontend

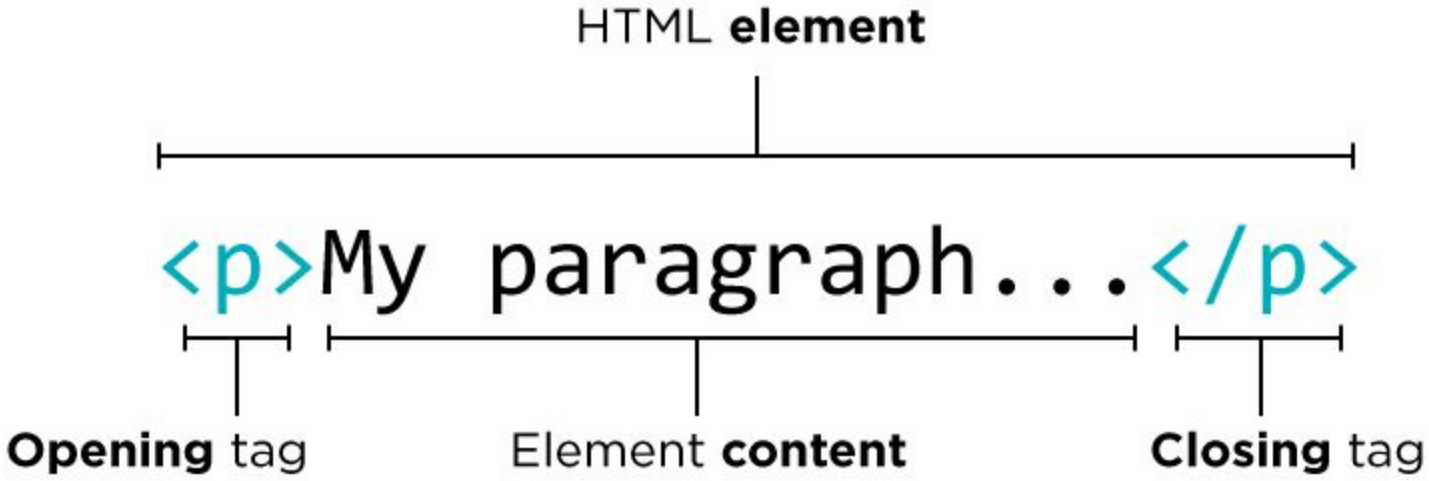
Create a draft



What is HTML?

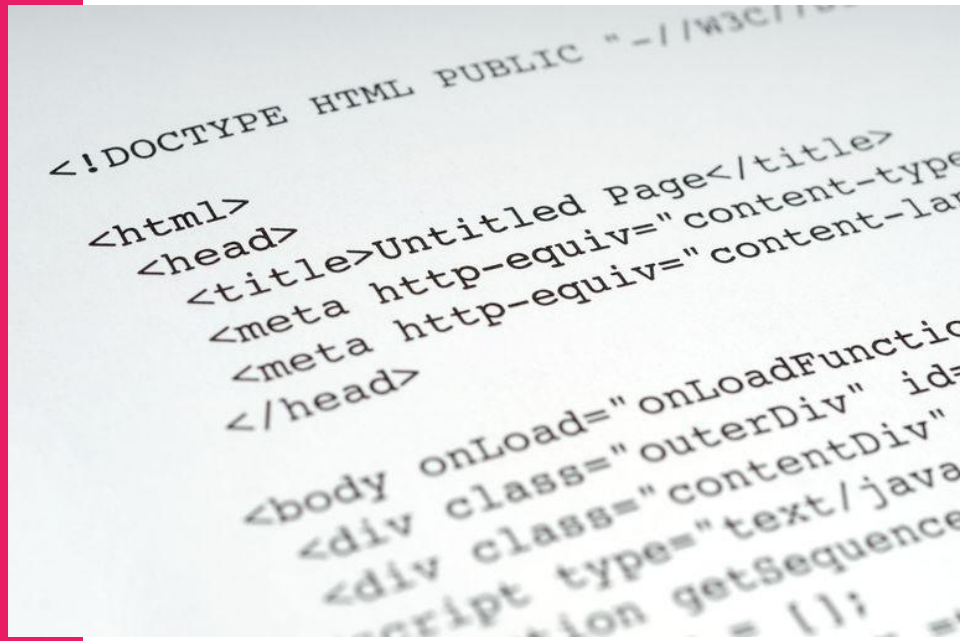
HyperText Markup Language

HTML Element

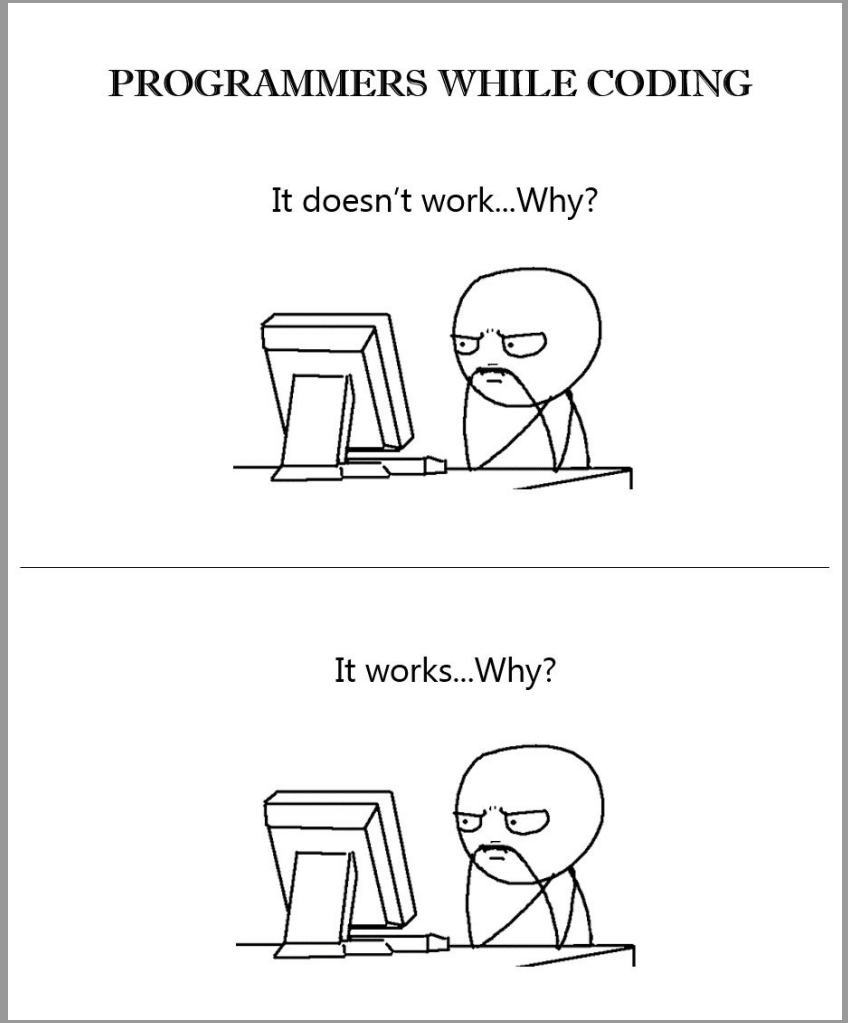


Main HTML Tags

List of all tags:
https://developer.mozilla.org/en-US/docs/Web/HTML/Element



Time to code!



You have just created your first static web site!

Useful Links

- MDN: https://developer.mozilla.org/en-US/docs/Learn
- W3Schools: https://www.w3schools.com/

- Codecademy: https://www.codecademy.com/catalog/subject/web-development
- freeCodeCamp: https://learn.freecodecamp.org
- Templates: https://www.wix.com/
- Frameworks: https://materializecss.com/, https://bulma.io/

Your turn!