Front-end

lecture I/VI

SCHEDULE

Lecture I (today)

I. The course

II. A1/A2

III. Goal; Front-end Feature (P/E)

IV. Homework

Prerequisites

❖ Text editor

❖ Terminal

❖ Git

❖ GitHub

❖ Slack

COURSE

II/VI

I What you will learn

❖ Core JavaScript Concepts such as Scope && Context && Closures && Hoisting

❖ Develop a Front-end feature by the means of Progressive Enhancement

❖ Your Front-end feature lives within your static/public folder

❖ 1 repo - to rule them all. (gewoon 1 repo dus.)

❖ Research technical standards and document your findings in your Github wiki

❖ Read chapters and summarize/submit issue templates github

- ❖ 8 weeks

- ❖ assignments (opdrachten)

- ❖ 8 × lecture (hoorcollege / werkgroep)

- ❖ 2 assessments: a1 11 March & a2 1 april (no joke - lol)

- ❖ 3 × ECTS (studiepunten)

- ❖ Front-end feature progressively enhanced and statically served by Node' 🤯

I What you will Submit

❖ A fully functional front-end feature: HTML/CSS/JS

```
if (student.usedFramework === true) {
    student.failed === true && teacher.status === 'sad';
}
#geen bootstrap/jquery - of andere zooi b.v.d
```

I How you will be graded

❖ You will document all your research / findings and exercises in Github. You will describe core JavaScript concepts and build a front-end feature according to the principles of PE. There are 2 assessments, a1 and a2.

```
if (a1 >= 5.5 && a2 >= 5.5) {

    student.failed === false && student.poppinBottles ===
    true;

}
```

I How you will be graded

❖ Document findings APA style:

❖ scribbr.com -> fill out info

❖ wait for it…....🧙

Gokul, N. K. (2018, July 20). Understanding async-await in JavaScript. Retrieved May 5, 2020, from https://medium.com/better-programming/understanding-async-await-in-javascript-1d81bb079b2c
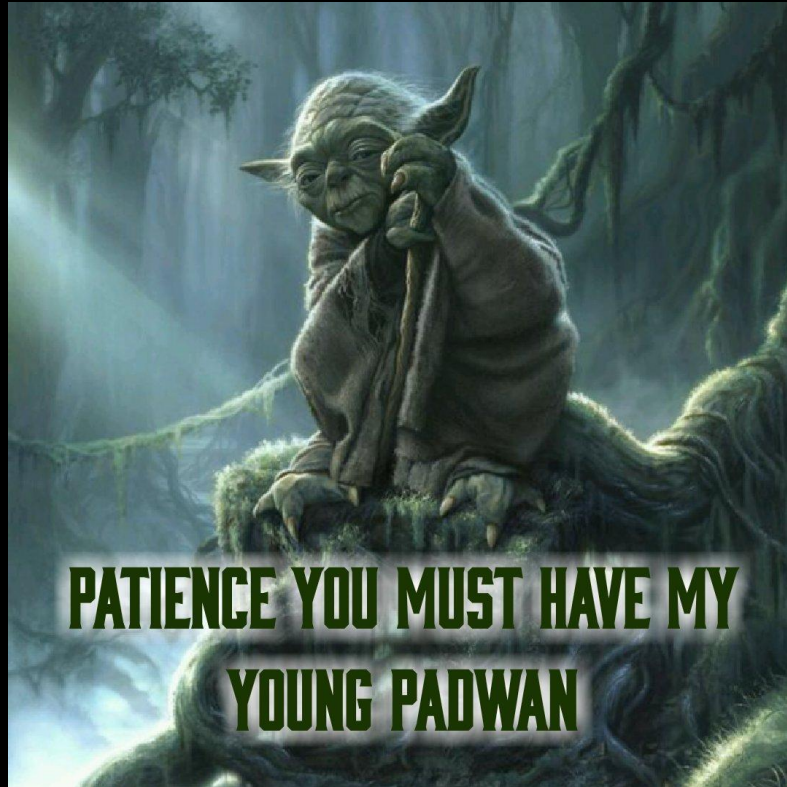
I Front-end Refresher

❖ JS runs in the browser

❖ We can manipulate the DOM with JS

❖ You have access to all sorts of browser APIs

❖ Read you shall, young padwan: https://eloquentjavascript.net/

I NEXT WEEK GOAL

❖ Build a static (HTML/CSS) only feature based on your job story which you created during the lecture of PT

THIS IS IMPORTANT =)

#static/public folder

❖   Desk research about Progressive Enhancement (30min)

❖   Document your findings on Github (20min)

❖   Create folder setup (Create a folder including a html/css
    and JS file, no worries, the JS file for now will just
    contain a log to the console.) the folder structure
    should be: static/public/js static/public/html etc..

I Homework

Reading

- chapter 4: Data Structures: Objects and Arrays
- chapter 13: Javascript and the browser
- chapter 14: The Document Object Model
- Research on Progressive Enhancement

Practice

- **https://codepen.io/robertspier/pen/vYyORrL (Objects & Arrays)**
- **https://codepen.io/robertspier/pen/LYbpzYL?editors=0012 (Uitwerkingen)**

Hand in

- **300 word summary of chapter 4 / chapter 13 / chapter 14**
- **300 word summary of Progressive Enhancement research (Wiki of your repo - "create new page"). Prefix the page with the following title; Front-end: Progressive Enhancement**

IMPORTANT; APA Format for sources - thank you.

EXIT;

see you Next();