

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
- ❖ Teams

COURSE

II/VI

I WHAT YOU WILL LEARN

SYNOPSIS

- ❖ 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

I COURSE

SYNOPSIS

- ❖ 8 weeks
- ❖ assignments (opdrachten)
- ❖ 8 × lecture (hoorcollege / werkgroep)
- ❖ 2 assessments: see DLO for dates
- ❖ 3 × ECTS (studiepunten)
- ❖ Front-end feature progressively enhanced and statically served by Node' 🎉

I WHAT YOU WILL SUBMIT

SYNOPSIS

- ❖ 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

SYNOPSIS

- ❖ 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

SYNOPSIS

- ❖ 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>

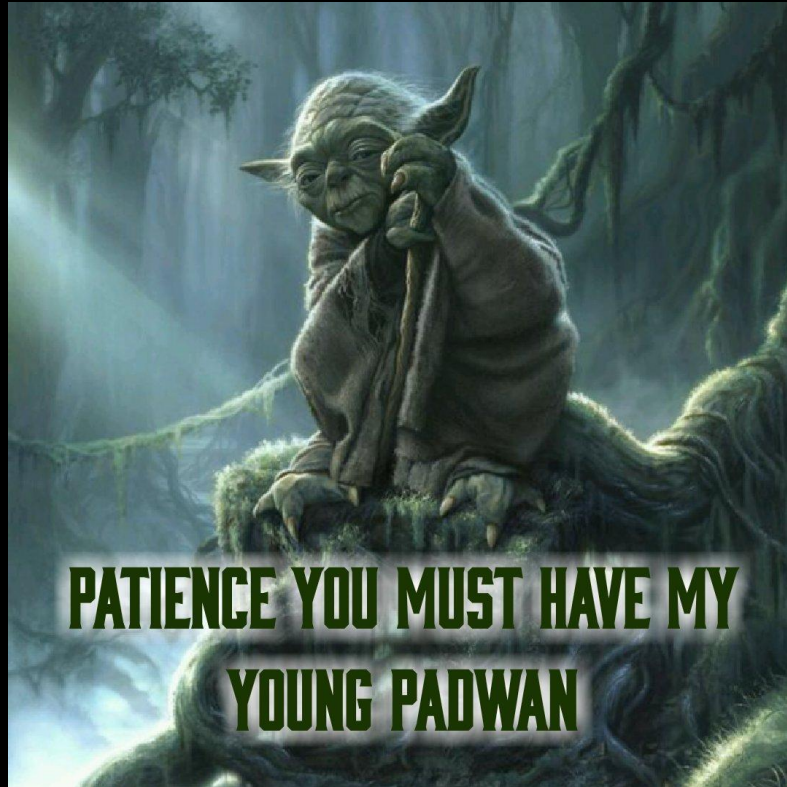
I FRONT-END REFRESHER

SYNOPSIS

- ❖ 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 padawan: <https://eloquentjavascript.net/>

I FRONT-END REFRESHER

SYNOPSIS



I NEXT WEEK GOAL

SYNOPSIS

- ❖ 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

I EXERCISES

SYNOPSIS

- ❖ Desk research about Progressive Enhancement (30min) visuals svp.
- ❖ 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

SYNOPSIS

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();