

# FRONT-END

LECTURE I/VI

# SCHEDULE

## Lecture I (today)

- I. Course
- II. FED refresher
- III. 2 week goal
- IV. Exercises
- V. Homework

## Prerequisites

- ❖ Text editor
- ❖ Terminal
- ❖ Git
- ❖ GitHub
- ❖ Slack

# 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
- ❖ Integrate your Front-end feature within your Backend static/public folder
- ❖ Research technical standards and document your findings in your Github wiki

# I COURSE

## SYNOPSIS

- ❖ 8 weeks
- ❖ assignments (opdrachten)
- ❖ 8 × lecture (hoorcollege / werkgroep)
- ❖ 2 assessments: a1 week (tue) 8 & a2: week 8 (thu)
- ❖ 3 × ECTS (studiepunten)
- ❖ Front-end feature statically served by BE 🤖

# 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';  
}
```

# 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>



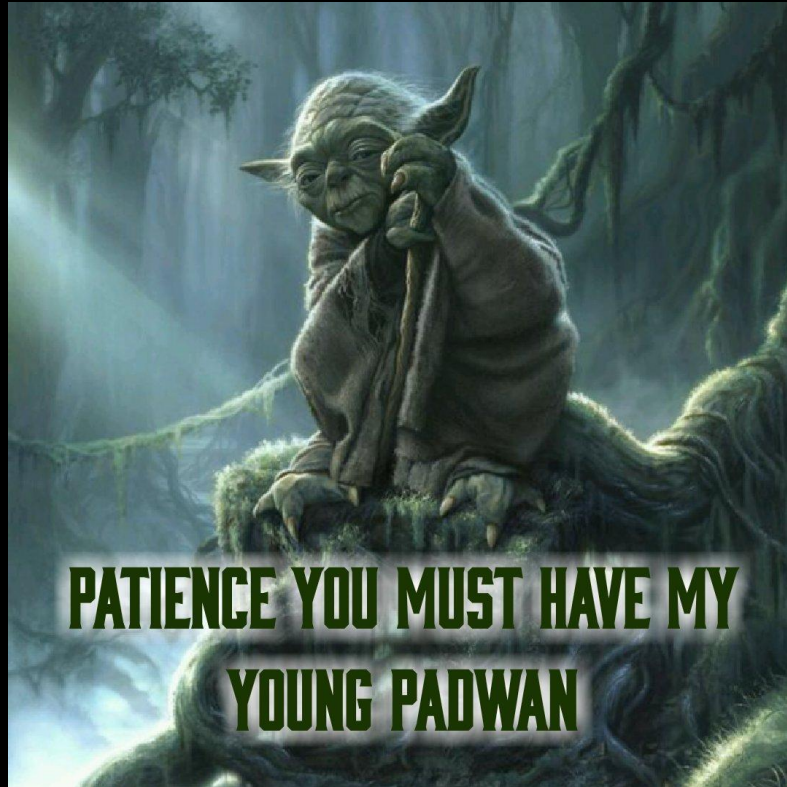
# I FRONT-END REFRESHER

## 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 padwan: <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 (tomorrow)

THIS IS IMPORTANT =)

# I EXERCISES

## SYNOPSIS

- ❖ Desk research about Progressive Enhancement (30min)
- ❖ Document your findings in 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.)

# I HOMEWORK

## SYNOPSIS

- ❖ Write **semantic** HTML for your job story which is defined during PT class
- ❖ Desk research about Progressive Enhancement
- ❖ Make a breakdown HTML/CSS/JS of your job story (after PT course)
- ❖ Document findings in Github wiki
- ❖ Write down your resources using the APA format
- ❖ Read chapter 13 and 14 of eloquent JavaScript and start with the corresponding exercise: `ElementsByTagName()`;

[https://eloquentjavascript.net/13\\_browser.html](https://eloquentjavascript.net/13_browser.html)

[https://eloquentjavascript.net/14\\_dom.html](https://eloquentjavascript.net/14_dom.html)

EXIT;

SEE YOU NEXT();

# SOURCES

- <https://twitter.com/LyricsAndLines1/status/1007845175836594181/photo/1>
  - <https://www.scribbr.com/apa-citation-generator/#/>