TW-006 STUDENT VERSION (Sprint-5 Week-1)

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   5m

- Personal Questions (Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work   5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions   15m

1.Consider the following async function and its output. What will be displayed to the console when calling the `f()` function?

```
async function f() {
  let result = 'first!';
  let promise = new Promise((resolve, reject) => {
    setTimeout(() => resolve('done!'), 1000);
  });

  result = await promise;

  console.log(result);
}

f();
```

A. first!
B. done!
C. JavaScript error
D. Something else

2. What is the function to stop an interval timer?

A. stopTimer
B. clearInterval
C. shutdownTimer
D. clearTimer

3. What are 2 native functions to run code asynchronously in JavaScript ?

A. timeout - setTimeout
B. startInternal - setInterval
C. setTimeout - setInterval
D. interval - setInterval

4. What is the output of the code below?

```javascript
let x = 0;

async function test() {
  x += await 2;
  console.log(x);
}

test();
x += 1;
console.log(x);
```

A. 2 3
B. 0 1
C. 1 2
D. 2 2

5. To get the first item from the array ("cooking") using array destructuring, how do you adjust this line?

```javascript
const topics = ["cooking", "art", "history"]
```

A. const first = ["cooking", "art", "history"]
B. const [] = ["cooking", "art", "history"]
C. const [, first]["cooking", "art", "history"]
D. const [first] = ["cooking", "art", "history"]

6. What should the console read when the following code is run?

```
const [, , animal] = ["Horse", "Mouse", "Cat"]
console.log(animal)
```

A. Horse
B. Cat
C. Mouse
D. undefined

7. Which collection object allows unique value to be inserted only once?

A. Set
B. Object
C. Map
D. Array

8. Why would you choose an asynchronous structure for your code?

A. To use ES6 syntax
B. To ensure that parsers enforce all JavaScript syntax rules when processing your code
C. To ensure that tasks further down in your code aren't initiated until earlier tasks have completed
D. To start tasks that might take some time without blocking subsequent tasks from executing immediately

9. What is the HTTP verb to request the contents of an existing resource?

A. GET
B. DELETE
C. PATCH
D. POST

10. What will be logged to the console?

```
console.log('I');
setTimeout(() => {
  console.log('love');
}, 0);
console.log('Javascript!');
```

A.

```
I
love
Javascript!
```

B. The output may change with each execution of code and cannot be determined.

C.

```
I
Javascript!
love
```

D.

```
love
I
Javascript!
```

11. How do you remove the property name from this object?

```
const foo = {
  name: 'Noah',
};
```

A. delete name from foo;
B. delete foo.name;
C. del foo.name;
D. remove foo.name;

Interview Questions   15m

1. What are Promises?

2. What is a Callback function?

3. What is prototype in javascript?

4. What is JSX?

Coding Challenge 20m

- Coding Challenge: Vowels in a string (JS-012)

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Coffee Break 10m

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Video of the Week 5m

- What Is React (React js) & Why Is It So Popular?

Retro Meeting on a personal and team level 5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project   15m

Case study should be explained to the students during the weekly meeting and has to be completed in one week by the students. Students should work in small teams to complete the case study.

- Digital Clock (JS-06)

Closing   5m

-Next week's plan

-QA Session