

TW-07 STUDENT VERSION



CLARUSWAY
WAY TO REINVENT YOURSELF

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. Which model includes margin, border, padding, and content?

- A. CSS Grid Template Layout Module
- B. CSS3 Flexbox Box model
- ☒ C. CSS Box model
- D. CSS3 Grid Layout model

2. You are creating a grid layout. What does 1fr mean in the following code?

```
grid-template-columns: 150px 150px 1fr 1fr;
```

- ☒ A. The third and fourth columns is 1 fraction unit of the remaining space in the grid.
- B. The first two columns will be two fraction units of the stated width.
- C. The second column will be double the stated width.
- D. The second column will be half of the remaining space in the grid.

3. What is the output?

```
console.log(false == '0');
```

- A. True
- ☒ B. true
- C. False
- D. false

4. After the following code, what is the value of a.length?

```
var a = ['dog', 'lion', 'hen'];  
a[100] = 'horse';
```

- ☒ A. 101
- B. 3
- C. 4
- D. 100

5. What is the output?

```
console.log(typeof typeof 1);
```

- A. number
- B. 1
- C. undefined
- ☒ D. string

6. What is the output?

```
console.log(1 + "2" + "2");
```

- A. 14
- ☒ B. 122
- C. 32
- D. NaN

7. What will be the output of this code?

```
let array = [1, 2, 3];  
array[6] = 9;  
console.log(array[5]);
```

- A. 1
- B. 2
- ☒ C. undefined
- D. 5

8. Javascript can:

- A. Interact with HTML
- B. Check or validate user input
- C. Can make your web pages dynamic
- ☒ D. All of the above

9. How many scripts can you place in an HTML document?

- ☒ A. As many as needed
- B. only once
- C. 2
- D. 1 on `head` and 1 on `body`

10. Which of these is a loop?

- A. `if(x<10)`
- ☒ B. `while(x<10)`
- C. `var x=10;`
- D. `text(x,10;10)`

11. Which definition below best describe an array?

- A. An array is a function identifier that can hold more than one parameter.
- B. An array is a beam of light.
- ☒ C. An array is a special variable, which can hold more than one value at a time.
- D. An array is a special function, which can hold more than one value at a time.

12. What is the correct syntax to transform a string to upper case?

```
let txt = "Hello!" ;
```

- A. `toUpperCase(txt);`
- B. `toUpperCase.txt();`
- C. `txt.toUpperCase();`
- ☒ D. `txt.toUpperCase();`

Interview Questions

15m

1. Please describe the most important advantages of using JavaScript.

Speed, simplicity, popularity, interoperability, server load, rich interfaces etc...

2. What is the difference between attributes and property?

Attribute is a quality or object that we attribute to someone or something. For example, the scepter is an attribute of power and statehood. On the other hand property is a quality that exists without any attribution. For example, clay has adhesive qualities; i.e, a property of clay is its adhesive quality.

3. What is the for-in loop in JavaScript?

In the function, the for...in loop is used to iterate over the object and print all its properties.

4. How to check if an object is an array or not?

In the function, the `Array.isArray()` method is used to check if an object is an array.

Coding Challenge

20m

- [Coding Challenge 1: JS-CC-03 Merge Arrays](#)
- [Coding Challenge 2: HC-CC-04 CSS Grid](#)



Coffee Break

10m

Video of the Week

10m

- [What You Can Do with JavaScript](#)

Retro Meeting on a personal and team level

5m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Case study/Project

10m

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

- [Project-005 : los Calculator](#)

Closing

5m

-Next week's plan

-QA Session
