

TW-05 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 of the following is true about Local Storage in HTML5?

- A. HTML5 introduces the localStorage attribute which would be used to access a page's local storage area without no time limit
- B. this local storage will be available whenever you would use that page
- ☒ C. Both of the above
- D. None of the above

2. Which of the following is correct about Hex Code format of CSS colors?

- A. The first two digits(RR) represent a red value
- B. The next two are a green value (GG)
- C. The last are the blue value (BB)
- ☒ D. All of the above

3. Which operator returns true if the two compared values are not equal?

- A. <>
- B. ~
- C. ==!
- ☒ D. !=

4. Which variable is an implicit parameter for every function in JavaScript?

- ☒ A. Arguments
- ☐ B. args
- ☐ C. argsArray
- ☐ D. argumentsList

5. Review the code below. Which statement calls the addTax function and passes 50 as an argument? How would you use this function to find out how much tax should be paid on \$50?

```
function addTax(total) {  
    return total * 1.05;  
}
```

- ☐ A. return addTax 50;
- ☒ B. addTax(50);
- ☐ C. addTax 50;
- ☐ D. addTax = 50;

6. Which statement creates a new function called discountPrice?

- ☒ [A]

```
let discountPrice = function (price) {  
    return price * 0.85;  
};
```

- ☐ [B]

```
let discountPrice(price) {  
    return price * 0.85;  
};
```

- ☐ [C]

```
let function = discountPrice(price) {  
    return price * 0.85;  
};
```

- [D]

```
discountPrice = function (price) {  
    return price * 0.85;  
};
```

7. How would you reference the text 'avenue' in the code shown?

```
let roadTypes = ["street", "road", "avenue", "circle"];
```

- A. roadTypes.2
- B. roadTypes[3]
- C. roadTypes.3
- ☒ D. roadTypes[2]

8. When would you use a conditional statement?

- A. When you want to reuse a set of statements multiple times.
- ☒ B. When you want your code to choose between multiple options.
- C. When you want to group data together.
- D. When you want to loop through a group of statement.

9. Why would you include a "use strict" statement in a JavaScript file?

- [A] to tell parsers to interpret your JavaScript syntax loosely
- ☒ • [B] to tell parsers to enforce all JavaScript syntax rules when processing your code
- [C] to instruct the browser to automatically fix any errors it finds in the code
- [D] to enable ES6 features in your code

10. Which of the following values is not a Boolean false?

- [A] `Boolean(0)`
- [B] `Boolean("")`
- [C] `Boolean(NaN)`
- ☒ • [D] `Boolean("false")`

11. Which of the following is not a keyword in JavaScript?

- [A] `this`
- [B] `array`
- [C] `function`
- [D] `catch`

Interview Questions**15m****1. Could you name some built-in methods in JavaScript?**

A JavaScript method is a property containing a function definition. In other words, when the data stored on an object is a function we call that a method.

2. What are the escape characters in JavaScript?

`\` single quote, `\"` double quote, `\\` backslash, `\n` new line, `\r` carriage return, `\t` tab, `\b` backspace, `\f` form feed,

3. Who developed JavaScript ?

Brendan Eich

4. How to use a prompt box in JS?

we can appoint the prompt as value to a variable and it prompts small box in the web page. When the prompt box pops up, the user will have to click either "OK" or "Cancel" to proceed after entering an input value.

5. What is JavaScript 'Strict Mode'?

Strict mode is the mode to be used to detect and show the errors when coding in javascript.

6. What is the difference between 'var' and 'let' keyword?

`var` and `let` are both used for variable declaration in javascript but the difference between them is that `var` is function scoped and `let` is block scoped.

7. What is JavaScript Hoisting?

JavaScript Hoisting refers to the process whereby the interpreter appears to move the declaration of functions, variables or classes to the top of their scope, prior to execution of the code.

8. What is mean by NULL in JavaScript?

The null value represents the intentional absence of any object value. It is one of JavaScript's primitive values and is treated as falsy for boolean operations.

Coding Challenge**20m**

- HC-03 CSS Margins



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-03 : Parallax Web Site](#)

Closing

5m

-Next week's plan

-QA Session
