TEAM LEAD VERSION (Week-4)

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 (Stay at home & Corona, 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 operator returns true if the two compared values are not equal?

A. < >
B. ~
C. ==!
D. !==

Answer:D

2. You need to match a time value such as 12:00:32. Which of the following regular expressions would work for your code?

A. /[0-9]{2,}:[0-9]{2,}:[0-9]{2,}/
B. /\d\d:\d\d:\d\d/
C. /[0-9]+:[0-9]+:[0-9]+/
D. / : : /

Answer: B

3.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]

Answer: D

4. What is the result of running this statement?

```
console.log(typeof(42));
```

A. float

B. value

C. number

D. integer

Answer: C

5. 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

Answer: B

6. What would be the result in the console of running this code?

```
for (var i=0; i<5; i++){
    console.log(i);
}
```

A. 12345

B. 1234

C. 021345

D. 01234

Answer: D

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

```
var a = ['dog','cat','hen'];
a[100] = 'fox';
```

A. 101

B. 3

C. 4

D. 100

Answer:A

8. Which Variable-defining keyword allows its variable to be accessed (as undefined) before the line that defines it?

A. var

B. let

C. const

D. all of them

Answer:A

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

A. Boolean(0)

B. Boolean("")

C. Boolean(NaN)

D. Boolean("false")

Answer: D

10. What will the value of y be in this code:

```
const x = 6 % 2;
const y = x ? 'One': 'Two';
```

A. One

B. undefined

C. TRUE

D.Two

Answer: D

Interview Questions   15m

1. How are JavaScript and Java different from each other?

Answer:Javascript is Object-oriented programming or OOP scripting language. Java is Object-oriented programming or OOP programming language

JavaScript can be run only on a browser. Java helps in creating applications that can be run on a browser or a virtual machine.

JS is presented in textual form. Java requires compilation

2. What is JavaScript?

Answer: JavaScript is a lightweight and interpreted programming language with object-oriented capacity. It helps you to develop interactivity into static HTML pages.

3. What data types do JavaScript support?

Answer: There are a few data types that JavaScript supports, which are:

- Boolean
- Null
- String
- Undefined
- Symbol
- Object
- Number

4. In JavaScript, what are the scopes of a variable?

Answer:Scope of a variable means the region of your program within which it is defined. There are two scopes:

- Global Variables: A global variable has a global scope meaning that it will be visible everywhere within your code.

- Local Variables: Local variables will only be visible within the function in which it has been defined.

5.Explain the meaning of each of these CSS units for expressing length: cm/em/in/mm/pc/pt/px

Answer: cm - centimeters em - elements (i.e., relative to the font-size of the element; e.g., 2 em means 2 times the current font size) in - inches mm - millimeters pc - picas (1 pc = 12 pt = 1/6th of an inch) pt - points (1 pt = 1/72nd of an inch) px - pixels (1 px = 1/96th of an inch).

6.What is mean by NULL in JavaScript?

Answer:If no value has been given to the variable then, it is called a null object (or) null value.

7. What are the pop-ups available in JavaScript?

Answer:The popups available in JavaScript are Alert, Prompt and Confirm.

8. What is the Different between Null and Undefined?

Answer:Both null and undefined have an empty value, but the difference between these two is:

- In undefined case, we don't assign a value for the variable.

- In the null case, we assign a zero value to the variable.

Coding Challenge   20m

- Coding Challenge: Forms (HC-CC-03)

Video of the Week   5m

- Popular JavaScript Libraries

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   15m

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 : Find The Number (JS01)

- Project-006 : CW Calculator (JS02)

Closing   5m

-Next week's plan

-QA Session