

TW-005 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. What is the result of running this statement?

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

- A. float
- B. value
- C. number
- D. integer

2. 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. 01234
- D. 012345

3. Which of the following operators can be used to do a short-circuit evaluation?

- A. ++
- B. --
- C. -+
- D. ||

4. What does the following expression evaluate to?

```
[] == []
```

- A. True
- B. undefined
- C. False
- D. []

5. Which statement is the correct way to create a variable called rate and assign it the value 100?

- A. let rate = 100;
- B. let 100 = rate;
- C. 100 = let rate;
- D. rate = 100;

6. Why is it usually better to work with Objects instead of Arrays to store a collection of records?

- A. Objects are more efficient in terms of storage.
- B. Adding a record to an object is significantly faster than pushing a record into an array.
- C. Most operations involve looking up a record, and objects can do that better than arrays.
- D. Working with objects makes the code more readable.

7. What is the result of running this code?

```
sum(10,20);  
diff(10,20);  
function sum(x,y){  
    return x+y;  
}  
  
let diff = function(x,y){  
    return x-y  
}
```

- A. 30, ReferenceError, 30, -10
- B. ReferenceError
- C. 30, -10
- D. ReferenceError, -10

8. The following program has a problem. What is it?

```
var a;  
var b = (a = 3) ? true: false
```

- A. The condition in the ternary is using the assignment operator.
- B. You can't define a variable without initializing it.
- C. You can't use a ternary in the right-hand side of an assignment operator.
- D. The code is using the deprecated var keyword.

9. What type of scope does the end variable have in the code shown?

```
var start = 1;  
if (start === 1) {  
  let end = 2;  
}
```

- A. conditional
- B. block
- C. global
- D. function

10. 0 && hi

- A. ReferenceError
- B. true
- C. 0
- D. false

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

- A. this
- B. catch
- C. function
- D. array

Interview Questions

15m

1. Could you name some built-in methods in JavaScript?

2. What are the escape characters in JavaScript?

3. Who developed JavaScript ?

4. How to use a prompt box in JS?

5. What is JavaScript 'Strict Mode'?

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

7. What is JavaScript Hoisting?

Coding Challenge

20m

- [Coding Challenge: JS-CC-01 Reverse Words](#)
- [Coding Challenge: JS-CC-02 Fibonacci Numbers](#)



Coffee Break

10m



Video of the Week

5m

- [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

15m

- [Checkout Form](#)

Closing

5m

-Next week's plan

-QA Session
