

# STUDENT VERSION (Week-6)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

# Teamwork Schedule

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## 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 property references the DOM object that dispatched an event?**

- A. self
- B. object
- C. target
- D. source

**2. 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;

**3.What is the name of a function whose execution can be suspended and resumed at a later point?**

- A. Generator function
- B. Arrow function
- C. Async/ Await function
- D. Promise function

**4. For the following class, how do you get the value of 42 from an instance of X?**

```
class X {  
    get Y() { return 42; }  
}
```

- A. x.get('Y')
- B. x.Y
- C. x.Y()
- D. x.get().Y

**5. 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.

**6. Which statement is true about the "async" attribute for the HTML script tag?**

- A. It can be used for both internal and external JavaScript code.
- B. It can be used only for internal JavaScript code.
- C. It can be used only for internal or external JavaScript code that exports a promise.
- D. It can be used only for external JavaScript code.

**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. Which keyword is used to create an error?**

- A. throw
- B. exception
- C. catch
- D. error

**10. 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

## Interview Questions

15m

1. What is JavaScript 'Strict Mode'?
2. What is the difference between 'var' and 'let' keyword?
3. What is the use of the 'debugger' keyword in JavaScript code?
4. What is JavaScript Hoisting?

## Coding Challenge

20m

- [Coding Challenge: Forms \(JS-CC-02\)](#)

## Video of the Week

5m

- [A day in the life of a Google Software Engineer](#)

## 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 weeks by the students. Students should work in small teams to complete the case study.**

- [Project-009: JS05](#)

## Closing

5m

-Next week's plan

-QA Session

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