

# TW-12 GROUP VERSION (Sprint-7 Week-2)

---



CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

---

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

# Teamwork Schedule

---

## Ice-breaking

10m

- 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.

## Ask Questions

15m

### 1. What is the function to stop an interval timer?

- A. stopTimer
- B. clearInterval
- C. shutdownTimer
- D. clearTimer

### 2. What are 2 native functions to run code asynchronously in JavaScript ?

- A. timeout - setTimeout
- B. startInternal - setInterval
- C. setTimeout - setInterval
- D. interval - setInterval

### 3. What is the output of the code below?

```
let x = 0;

async function test() {
  x += await 2;
  console.log(x);
}

test();
x += 1;
console.log(x);
```

- A. 2 3
- B. 0 1
- C. 1 2
- D. 2 2

### 4. Which JavaScript method is used to insert an HTML element before another element?

- A. insertBefore()
- B. prepend()
- C. insertAfter()
- D. append()

### 5. Which method converts JSON data to a JavaScript object?

- A. JSON.fromString();
- B. JSON.toObject()
- C. JSON.stringify()
- D. JSON.parse()

### 6. Why would you choose an asynchronous structure for your code?

- A. To use ES6 syntax
- B. To ensure that parsers enforce all JavaScript syntax rules when processing your code
- C. To ensure that tasks further down in your code aren't initiated until earlier tasks have completed
- D. To start tasks that might take some time without blocking subsequent tasks from executing immediately

## 7. What will be logged to the console?

```
console.log("I");  
setTimeout(() => {  
  console.log("love");  
}, 0);  
console.log("Javascript!");
```

A.

```
I  
love  
Javascript!
```

B. The output may change with each execution of code and cannot be determined.

C.

```
I  
Javascript!  
love
```

D.

```
love  
I  
Javascript!
```

## 8. 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.

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

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

**10. When would 'results shown' be logged to the console?**

```
let modal = document.querySelector("#result");
setTimeout(function () {
  modal.classList.remove("hidden");
}, 10000);
console.log("Results shown");
```

- A. immediately**
- B. after 10 second
- C. after 10000 seconds
- D. after results are received from the HTTP request

**11. Which Queue Is Executed First?**

```
// Callback queue
setTimeout(() => console.log("timeout"), 0);

// Microtask queue
Promise.resolve().then(() => console.log("promise"));
```

- A. Callback que
- B. Microtask que**
- C. No priority
- D. Depends on which one called first

**12. Which JavaScript code snippet correctly completes the code to declare an asynchronous function named "getData" that fetches data from a URL and returns the response as JSON?**

```
async function getData() {  
  const response = await ;  
  return response.json();  
}
```

- A. `fetch(url);`
- B. `axios.get(url);`
- C. `request(url);`
- D. `xhr.open("GET", url);`

**13. Which JavaScript code snippet correctly completes the code to delay the execution of an asynchronous function for 2 seconds**

```
async function myFunction() {  
  await ;  
  // Rest of the code  
}
```

- A. `setTimeout() => {}, 2000);`
- B. `delay(2000);`
- C. `sleep(2000);`
- D. `wait(2000);`


**14. Which JavaScript code snippet correctly completes the code to execute an asynchronous function repeatedly at a specific interval using setInterval()?**

```
setInterval( , 1000);
```

- A. `myFunction;`
- B. `await myFunction();`
- C. `async () => await myFunction();`
- D. `() => myFunction();`

Interview Questions	15m
1. What are Promises?	
2. What is the purpose of the "async" keyword in JavaScript?	
3. How does the "await" keyword work in JavaScript asynchronous functions?	

Coding Challenge	15m
<ul style="list-style-type: none"><li>JS-CC-12: Handle API Response</li></ul>	

	
Coffee Break	10m
	

Video of the Week	10m
<ul style="list-style-type: none"><li>Understanding Asynchronous JavaScript</li></ul>	

Case study/Project	15m
<ul style="list-style-type: none"><li>JS-06 Weather Condition App</li></ul>	

<hr/>	
<b>Retro Meeting on a personal and team level</b>	<b>10m</b>
Ask the questions below:	
<ul style="list-style-type: none"><li>• What went well?</li><li>• What could be improved?</li><li>• What will we commit to do better in the next week?</li></ul>	
<hr/>	
<b>Closing</b>	<b>5m</b>
-Next week's plan	
-QA Session	
<hr/>	