

TW-13 GROUP VERSION (Sprint-8 Week-1)



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. Which JavaScript feature allows developers to organize code into reusable modules?

- A. Classes
- B. Functions
- C. Promises
- D. Modules

2. Which built-in JavaScript object is commonly used as a module loader in modern browsers?

- A. window
- B. document
- C. navigator
- D. import

3. Which JavaScript tool is commonly used to transpile modern JavaScript code into an older version supported by most browsers?

- A. Webpack
- B. Babel
- C. ESLint
- D. TypeScript

4. Which JavaScript module format is supported by most modern browsers?

- A. CommonJS
- B. AMD
- C. ES6 (ES2015) modules
- D. UMD

5. Which JavaScript method is used to load an external JavaScript file asynchronously in a browser?

- A. import()
- B. require()
- C. load()
- D. script tag with async attribute

6. How do you define a constructor function in JavaScript for creating objects?

- A. createObject
- B. initializeObject
- C. constructorFunction
- D. functionObject

7. What is the keyword used to create a new instance of an object in JavaScript?

- A. newInstance
- B. createInstance
- C. newObject
- D. new

8. What method is used to check if an object has a specific property in JavaScript?

- A. hasProperty
- B. containsProperty
- C. checkProperty
- D. hasOwnProperty

9. How do you achieve inheritance in JavaScript using prototypes?

- A. objectInherit
- B. inheritObject
- C. extendObject
- D. prototypeInherit

10. How do you implement encapsulation in JavaScript?

- A. Using private variables and methods
- B. Defining properties with this keyword
- C. Utilizing closures
- D. Declaring properties with let keyword

11. In JavaScript, what is the purpose of a constructor function in object-oriented programming?

- A. To create multiple instances of an object with shared properties and methods
- B. To define the blueprint of an object and its properties
- C. To encapsulate data and behavior within an object
- D. To allow inheritance and polymorphism in object-oriented programming

12. In JavaScript, how do you define a class using the ES6 class syntax?

- A. `class MyClass = {}`
- B. `class MyClass extends Object {}`
- C. `class MyClass { constructor() {} }`
- D. `class MyClass : Object {}`

13. Which JavaScript keyword is used to refer to the current instance of a class within its methods

- A. `super`
- B. `this`
- C. `new`
- D. `instance`

14. In JavaScript, what is the purpose of inheritance in object-oriented programming?

- A. To create multiple instances of an object with shared properties and methods
- B. To define the blueprint of an object and its properties
- C. To allow one object to inherit properties and methods from another object
- D. To encapsulate data and behavior within an object

15. In JavaScript, how do you define a method inside a class using the ES6 class syntax?

- A. By using the `function` keyword
- B. By using the `method` keyword
- C. By using the `constructor` keyword
- D. By simply declaring a function inside the class body

Interview Questions

15m

1. What are the four pillars of Object-Oriented Programming?
2. What is the difference between a class and an object in JavaScript?
3. How do you achieve inheritance in JavaScript?



Coffee Break

10m

Video of the Week

10m

- What are Classes, Objects, and Constructors?

Case study/Project

15m

- JS-CC-07: Stopwatch

Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing	5m
-Next week's plan	
-QA Session	
