

# TW-09 GROUP VERSION

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WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ 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 JavaScript string method is used to find the length of a string?

- A. length()**
- B. getSize()
- C. size()
- D. length

### 2. Which method is used to convert a string to lowercase in JavaScript?

- A. toLowerCase()**
- B. toLower()
- C. lowerCase()
- D. convertLowerCase()

### 3. What JavaScript string method is used to replace a substring with another substring?

- A.substitute()
- B. replace()**
- C. switch()
- D. replaceAll()

**4. How can you check if a string contains a specific substring in JavaScript?**

- A. contains()
- B. hasSubstring()
- C. has()
- D. includes()

**5. What method is used to split a string into an array of substrings based on a delimiter in JavaScript?**

- A. divide()
- B. separate()
- C. split()
- D. slice()

**6. Which method is used to extract a portion of a string in JavaScript?**

- A. extract()
- B. substring()
- C. slice()
- D. cut()

**7. How can you repeat a string multiple times in JavaScript?**

- A. repeat()
- B. duplicate()
- C. replicate()
- D. copy()

**8. How do you add an element to the end of a JavaScript array?**

- A. add() method
- B. append() method
- C. insert() method
- D. push() method

**9. How do you remove a specific element from a JavaScript array?**

- A. remove() method
- B. splice() method
- C. delete() method
- D. pop() method

**10. How can you access the first element of a JavaScript array?**

- A. myArray.first()
- B. myArray.get(0)
- C. myArray[0]
- D. myArray.element(0)

**11. What method is used to add elements to the beginning of a JavaScript array?**

- A. append()
- B. shift()
- C. push()
- D. unshift()

**12. How do you find the index of the last occurrence of a specific element in a JavaScript array?**

- A. indexOf()
- B. lastIndexOf()
- C. findLastIndex()
- D. searchLastIndex()

**13. How can you find the intersection of two JavaScript arrays (common elements in both arrays)?**

- A. Using the filter() method
- B. Using a for loop
- C. Using the intersection() method
- D. Using the reduce() method


**14. What method is used to find the sum of all elements in a JavaScript array?**

- A. sum()
- B. reduce()
- C. total()
- D. aggregate()

**15. How can you add an element to the beginning of an array and return the new length of the array?**

- A. Using the shift() method
- B. Using the push() method
- C. Using the unshift() method
- D. Using the pop() method

**16. Write a js code that will unique the elements of the array containing repetitive elements.**

```
function removeDuplicates(arr) {  
  const uniqueArray = [];  
  
  //Write your JS Code here   
  
  return uniqueArray;  
}  
  
const arrayWithDuplicates = [1, 2, 2, 3, 4, 4, 5];  
const result = removeDuplicates(arrayWithDuplicates);  
// result will be [1, 2, 3, 4, 5]
```

**Interview Questions****15m**

1. What is the difference between `.map()` and `.forEach()`?
2. What Are the Advantages of Using External JavaScript Files?
3. What is the difference between `var`, `let`, and `const` declarations?
4. What is the difference between `slice` and `splice`?

**Coding Challenge****20m**

- [Coding Challenge: Anagram Check](#)

**Coffee Break****10m**

## Video of the Week

5m

- `forEach()` method

## 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

- The javascript string and array methods will be strengthened with code classes this week instead of a project.

## Closing

5m

- Next week's plan
  - QA Session
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