

TW-09 GROUP VERSION



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Workshop Activities
 - ▶ Questions
- ▶ Teamwork Activities
 - ▶ Interview Questions
 - ▶ Video of the week
 - ▶ Case study / project
- ▶ Retro meeting

Workshop Activities

90m

Ask Questions

30m

1. What are functions?

- A. It's code that you can use in Javascript
- B. It's where you can put if and else statements
- C. It's a block of code that lets you do a bunch of tasks
- D. It's a block of code that let's you do one specific task

2. What is a global variable scope

- A. The variable can be accessed anywhere inside and outside a function
- B. The variable can be accessed only inside the function
- C. The variable can be accessed only outside the function
- D. All of above

3. What will the console output?

```
let myCar = 'My car is yellow';

function aName(){
  let myCar = 'My car is red';
}
console.log(myCar);
```

- A. Console will return "My car is red"
- B. Console will return "My car is undefined"
- C. Console will return "My car is yellow"
- D. Console will return "undefined variable"

4. Write a function that gives whether the given number is odd or even

```
function evenNumber (){
  //Write your code here.

}
evenNumber(3) // output : 3 is odd
evenNumber(2) // output : 2 is even
```

5. Write a function that squares the given number

```
function square (num){  
    //Write your code here.  
  
}  
  
square(4) // output : 16  
square(5) // output : 25
```

6. What is the difference between an argument and a parameter?

- A.** The argument is set when you create the function. The parameter is what you enter when you call the function
- B.** The parameter is set when you create the function. The argument is what you enter when you call the function
- C.** The argument is set when you create the variable. The parameter is what you enter when you call the function
- D.** The parameter is set when you create the variable. The argument is what you enter when you call the function

7. What is the difference between function declaration and function expression?

- A.** There is no difference
- B.** Function declaration is hoisted, while function expression is not
- C.** Function expression is hoisted, while function declaration is not
- D.** Function declaration uses the var keyword, while function expression uses let

8. How can you pass multiple parameters to a function in JavaScript?

- A.** Multiple parameters are not allowed
- B.** Use curly braces
- C.** Use square brackets
- D.** Separate parameters with commas

9. What is the purpose of the return statement in a function?

- A.** To declare a variable
- B.** To output a value from the function
- C.** To comment on the code
- D.** To run the function

10. How do you define a default parameter in a function?

- A. By using the keyword default
- B. JavaScript does not support default parameters
- C. By assigning a value in the function declaration
- D. By using the undefined keyword

11. Which JavaScript string method / property is used to find the length of a string?

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

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

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

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

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

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

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

15. 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()

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

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

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

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

18. Which method is used to remove whitespace from both ends of a string?

- A. trim()
- B. removeWhitespace()
- C. strip()
- D. trimStart()

19. What does the startsWith() method check in a string?

- A. If the string ends with a specified substring
- B. If the string contains a specified substring
- C. If the string starts with a specified substring
- D. If the string is empty

20. Write a function that returns all elements of a string in order.

```
function iterateString(){  
  
  //Write your code here  
  
}  
  
let str = 'Hello World';  
  
iterateString(str)
```

Output :

H
e
l
l
o

W
o
r
l
d

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.

Interview Questions

30m

1. Explain the difference between `==` and `===` in JavaScript when comparing values.
2. List some of the disadvantages of JavaScript.
3. Define anonymous function
4. In JavaScript what is an argument object?
5. Name the types of functions



Coffee Break 10m



Video of the Week 10m

- String Methods

Coding Challenge 40m

- CC-01 Anagram Check

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 10m

- Next week’s plan
 - QA Session
-