TW-06 TEAM LEAD VERSION

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Workshop Activities

▶ Teamwork Activities

　　▶ Questions

　　▶ Interview Questions

▶ 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.

Workshop Activities   90m

- Harvey Tech Project

Team Work Activities   90m

Ask Questions   15m

1. Which of the following is an appropriate value for the overflow element?

A. scroll
B. hidden
C. auto
D. all of the above

Answer: D

2. Which of the following property allows a marquee to be used in the case of a text-overflow?

A. overflow-marquee
B. overflow-style
C. overflow-text
D. none of the mentioned

Answer: B

Explanation : overflow-style is a CSS property that allows a marquee to be used in the case of a text-overflow.
Syntax:

```
overflow-style: auto | marquee-block
```

3. Which of the following property sets an element's background color?

A. background-image
B. background-color
C. background-colors
D. background-position

Answer: B

4. What do we mean by COMPUTATIONAL THINKING?

A. Breaking a task into smaller tasks.
B. Understanding a complex problem and developing possible solutions.
C. Focusing on what is important, ignoring what is unnecessary.
D. Selecting a computer to use.

Answer: B

5. Breaking a complex problem down into smaller problems and solving each one individually.

A. Programming
B. Decomposition
C. Abstraction
D. Algorithmic Thinking

Answer: B

6. Why do we need to think computationally?

A. To help us to think like a computer
B. To help us program
C. To help us solve complex problems more easily
D. None of these

Answer: C

7. What is an Algorithm?

A. Some instructions
B. Something a computer does to think
C. A series of steps and instructions with given outputs to produce an input
D. A series of steps and instructions with given inputs to produce an output

Answer: D

8. Which statement is the correct way to create a variable called `amount` and assign it the value 275?

A. let amount = 275;
B. let 275 = amount;
C. 275 = let amount;
D. amount : 275;

Answer: A

9. Which of the following is not a keyword in JavaScript?

A. this
B. catch
C. function
D. array

Answer: D

10. What is the result of running this statement?

```
console.log(typeof 42);
```

A. `'float'`
B. `'value'`
C. `'number'`
D. `'integer'`

Answer: C

11. What is the mistake in the given code snippet?

```
Console.log("Hello World!");
```

A. Missing dot (.)
B. Uppercase "C" in console
C. Missing parentheses
D. This is a valid code.

Answer: B

12. JavaScript programming language can be used in both client-side and server-side to build dynamic web applications.

☑ - True
☐ - False

13. What would be the output of the Javascript code in the console?

```
console.log(10-9);
```

A. Error Message
B. 10-9
C. Nothing
D. 1

Answer: D

14. JavaScript is designed for following purpose

A. To add interactivity to HTML Pages.
B. To Style HTML Pages
C. To Execute Query Related to DB on Server
D. To Perform Server Side Scripting Opertion

Answer: A

15. Which of the following is not a valid JavaScript data type?

A. boolean
B. string
C. character
D. undefined

Answer: C

Interview Questions   **10m**

1. What does computational thinking stand for?

Answer: *Computational thinking is a way of solving problems, designing systems, and understanding human behavior that draws on concepts fundamental to computer science. To flourish in today's world, computational thinking has to be a fundamental part of the way people think and understand the world.*

2. Why is computational thinking important?

Answer: *Computational thinking enables us to solve any given challenge through an analytical and methodical approach. Put simply, computational thinking teaches students to process information like a computer would. It guides students through a series of steps, similar to an algorithm, to solve open-ended problems.*

3. What are the 4 stages of computational thinking?

Answer: *The 4 stages of computational thinking programming,are* **decomposition**, **pattern recognition**, **abstraction**, *and* **algorithms**. *At the 'decomposition' step, we break problems into simpler parts. At the 'pattern recognition' step, we look for the identifiable similarities between or with the problem. At the 'abstraction' step, we disregard information that isn't useful. At the 'algorithm' level, we design workflow to solve the problem.*

4. What would be the result of 3+2+"7" in javascript?

Answer: *Since 3 and 2 are numbers, they will be added numerically. And since 7 is a string, its concatenation will be done. So the result would be 57.*

5. Describe the concept of scope in JavaScript. How does the scope of a variable affect its accessibility in different parts of the code?

Answer: *Scope refers to the region of the code where a variable is defined and can be accessed. Global scope, function scope, and block scope are common in JavaScript.*

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Coffee Break   10m

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Case study/Project   30m

- iOS Calculator

Video of the Week   10m

- What You Can Do with JavaScript

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