

TW-03 - TEAM LEAD VERSION (Sprint-2 Week-2)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge (Will be solved at Work Shop on Tuesday.)
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- 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.

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 of the following tag represents a section of the document intended for navigation in HTML5?

- A. footer
- B. nav
- C. section
- D. header

Answer: B: nav' tag represents a section of the document intended for navigation.

2. Which of the following tag is used to represent the result of different types of output in HTML5?

- A. output
- B. placeholder
- C. required
- D. autofocus

Answer: A: HTML5 introduced a new element output which is used to represent the result of different types of output, such as output written by a script.

3. Which of the following is true about Local Storage in HTML5?

- A. HTML5 introduces the localStorage attribute which would be used to access a page's local storage area without no time limit
- B. this local storage will be available whenever you would use that page

- C. Both of the above
- D. None of the above

Answer: C

4.Which of the following input control represents a date consisting of a year and a month encoded according to ISO 8601 in Web Form 2.0?

- A. datetime
- B. datetime-local
- C. date
- D. month

Answer: D:'month' input control represents a date consisting of a year and a month encoded according to ISO 8601.

5.Which of the following browser supports HTML5 in its latest version?

- A. Mozilla Firefox
- B. Opera
- C. Both of the above
- D. None of the above

Answer: C:Both of the above browsers supports HTML5.

6. Which of the following is correct about Hex Code format of CSS colors?

- A. The first two digits(RR) represent a red value
- B. The next two are a green value (GG)
- C. The last are the blue value (BB)
- D. All of the above

Answer: D

7. Which operator returns true if the two compared values are not equal?

- A. <>
- B. ~
- C. ==!
- D. !=

Answer:D

8. What are JavaScript Variables?

Answer: Containers for storing data values

9. Which one is not an assignment operator in JavaScript?

- A. +=
- B. &=
- C. |=
- D. \$=

Answer: D

10. Which variable name conforms to naming rules in JavaScript?

- A. _age-birth
- B. \$age
- C. 2-age
- D. age&birth

Answer: B

11. Which Variable-defining keyword allows its variable to be accessed (as undefined) before the line that defines it?

- A. var
- B. let
- C. const
- D. all of them

Answer: A

12. After the following code, what is the value of a.length?

```
var a = ['dog', 'cat', 'hen'];  
a[100] = 'fox';
```

- A. 101
- B. 3
- C. 4
- D. 100

Answer:A

Interview Questions

15m

1. What are the limits of the text field size?

Answer:The default size for a text field is around 13 characters. However, if you include the size attribute, you can set the size value to be as low as 1. The maximum size value will be determined by the browser width. If the size attribute is set to 0, the size will be set to the default size of 13 characters.

2. What happens if you open the external CSS file in a browser?

Answer: When you try to open the external CSS file in a browser, the browser cannot open the file, because the file has a different extension. The only way to use an external CSS file is to reference it using link tag within another HTML document.

3. Tell me two benefits of HTML5 Web Storage

*Answer: Two main benefits of HTML5 Web Storage:

It can store up to 10 MB data which is certainly more than what cookies have. Web storage data cannot be transferred with the HTTP request. It helps to increase the performance of the application.*

4. What are two types of Web Storage in HTML5?

Answer: Two storage types of HTML5 are:

Session Storage:

It stores data of current session only. It means that the data stored in session storage clear automatically when the browser is closed.

Local Storage:

Local storage is another type of HTML5 Web Storage. In local storage, data is not deleted automatically when the current browser window is closed.

5. What data types do JavaScript support?

Answer: There are a few data types that JavaScript supports, which are:

- Boolean
- Null
- String
- Undefined
- Symbol
- Object
- Number

6. What are the pop-ups available in JavaScript?

Answer: The popups available in JavaScript are Alert, Prompt and Confirm.

7. How are JavaScript and Java different from each other?

Answer: Javascript is Object-oriented programming or OOP scripting language. Java is Object-oriented programming or OOP programming language

JavaScript can be run only on a browser. Java helps in creating applications that can be run on a browser or a virtual machine.

JS is presented in textual form. Java requires compilation

8. What is mean by NULL in JavaScript?

Answer: If no value has been given to the variable then, it is called a null object (or) null value.

Coding Challenge

20m

You are expected to solve the Coding Challenge with both JavaScript and Python.

- [Coding Challenge: JS-01 Fibonacci Numbers](#)
- [Coding Challenge: JS-02 Reverse Strings](#)



Coffee Break

10m



Video of the Week

10m

- [Bootstrap-5 First Look](#)

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

10m

Case study should be explained to the students during the weekly meeting and has to be completed in one weeks by the students. Students should work in small teams to complete the case study.

- [Project-004 : Checkout Form](#)

Closing

5m

-Next week's plan

-QA Session
