TEAM LEAD VERSION (Prep-02)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Logical Reasoning 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.

Ask Questions   15m

1. Who is the creator of git?

A. Guido van Rossum
B. Brendan Eich
C. Linus Torvalds
D. Tim Berners-Lee

Answer: C

2. Which of the following is true when you use the following command?

```
git add -A
```

A. All new and updated files are staged
B. Files are staged in alphabetical order
C. All new files are staged
D. Only updated files are staged

Answer: A

3. What option can you use to apply git configurations across your entire git environment?

A. --all
B. --master
C. --global
D. --update

Answer: C

4. If you cloned an existing git repository, what would happen?

A. A new copy would overwrite the central repository
B. A copy of the repository would be created on your local machine
C. Nothing, cloning is not a supported git function
D. A copy of the repository would be created on the hosting platform

Answer: B

5. Which command creates an empty Git repository in the specified directory?

A. git reset
B. git log ..
C. git init
D. git init --bare

Answer: C

6. Which of the following command helps to create directory called test?

A. mkdir test
B. md test
C. dir test
D. None of the above

Answer: A

7. Git Pull is a combination of:

A. fetch and merge
B. branch and checkout
C. add and commit
D. commit and pull

Answer: A

8. What is the command to add the remote repository "https://github.com/clarusway/prep.git" as "origin"?

A. git add origin https://github.com/clarusway/prep.git
B. git https://github.com/clarusway/prep.git
C. git remote add origin https://github.com/clarusway/prep.git
D. git remote https://github.com/clarusway/prep.git

Answer: C

9.What's the opposite of git clone, instead of downloading your code from GitHub, uploads your changes and code back to GitHub?

A. git push

B. git upload

C. git add

D. git status

Answer: A

10. What will the following command print to the Terminal?

```
git remote -v
```

A. The current git version you're running

B. An inline editor for modifying remote repositories

C. A list of remote repositories and their URLs

D. The last 5 git versions you've installed

Answer: C

11. To create and view an HTML page, you need _____?

A. Web browser

B. Text editor

C. Both [A] and [B]

D. None of the above

Answer: C

12. What does the < br > tag add to your webpage?

A. Long break

B. Line break

C. Paragraph break

D. None of the above

Answer: B

13. Which of the following tag <...> is used to mark a begining of paragraph?

A. `pr`
B. `td`
C. `br`
D. `p`

Answer: D

14. What is the best way to apply bold styling to text?

A.`<strong>`
B. Use CSS
C.`<bold>`
D. `<b>`

Answer: A

15. How do you confirm that a document is written in HTML5?

A.The server wraps the webpage in an HTML5 wrapper.
B.Use the `<!DOCTYPE html>` declaration that starts the document.
C.The browser receives encoding from the server to display the document with HTML5.
D.It is enclosed in a `<html>` tag.

Answer: B

Interview Questions   15m

1. What is Git?

Answer: GIT is a distributed version control system and source code management (SCM) system with an emphasis to handle small and large projects with speed and efficiency.

2. Mention the various Git repository hosting services?

Answer:

- Github
- Gitlab
- Bitbucket
- SourceForge
- GitEnterprise

visit the link

3. What is the use of a Git clone?

Answer:

- The Git clone command lets us copy the existing Git repository. If we want to get a copy of the central repository then the best way to do it is using 'cloning'.

☕

Coffee Break   **10m**

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Logical Reasoning Questions   **15m**

1. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A. (1/3)
B. (1/8)
C. (2/8)
D. (1/16)

Answer: B

2. Kevin, Joseph, and Nicholas are 3 brothers. If the following statements are all true, which of them is the youngest?

```
✓ Kevin is the oldest.

✓ Nicholas is not the oldest.

✓ Joseph is not the youngest.
```

A. Joseph
B. Kevin
C. Nicholas
D. both joseph and nicholas

Answer: C

3. If the first two statements are true, the third statement is...

- Blueberries cost more than strawberries.

- Blueberries cost less than raspberries.

- Raspberries cost more than strawberries and blueberries.

A. true
B. false
C. uncertain

Answer: A

Coding Challenge   **25m**

HTML-CC-002 : HTML Basics

Purpose of the this coding challenge is to learn HTML basics.

Learning Outcomes

At the end of the this coding challenge, students will be able to;

- create a table,
- add images,
- add headings, sub-headings and paragraphs,
- use HTML formatting elements,
- use ordered and unordered lists.

Problem Statement

- Write a code that creates an html time scheduler.
- Push your code on a github repository with a README.md file

Clarusway Program

	Shcedule		Topic
	Begin	End	
Tuesday	07:00 am	10:00 am	Computer Fundamentals • Hardware • OS • Storage • Data
Thursday	07:00 am	07:50 am	
	08:00 am	08:50 am	HTML
	09:00 pm	10:00 pm	CSS
Saturday	11:00 am	4:00 pm	Computer Fundamentals
Sunday	11:00 am	4:00 pm	HTML 1. Formatting Elements 2. Lists 3. Tables

Additional Resourses

- First picture's link
- Second picture's link

Solution

```
<html lang="eng">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CC-08</title>
</head>

<body>
    <h1><em>Clarusway Program</em></h1>
    <table border="3">
        <tr>
            <th rowspan="3">
                <img src="https://data.whicdn.com/images/305761013/original.jpg"
```

```
border="5" width="150" height="200">
            </th>
            <th colspan="3">
                <img src="https://clarusway.com/wp-
content/uploads/2019/12/cw_sonk%C3%BC%C3%A7%C3%BCk2.png">
                <h2>Full Stack Web Development</h2>
            </th>
        </tr>

        <tr>
            <th colspan="2">Schedule</th>
            <th rowspan="2">Topic</th>
        </tr>
        <tr>
            <th>Begin</th>
            <th>End</th>
        </tr>
        <tr>
            <td>Tuesday</td>
            <td>07:00 am</td>
            <td>10:00 am</td>
            <td rowspan="2">Computer Fundamentals
                <ul>
                    <li>Hardware</li>
                    <li>OS</li>
                    <li>Storage</li>
                    <li>Data</li>
                </ul>
            </td>
        </tr>
        <tr>
            <td rowspan="3">Thursday</td>
            <td>07:00 am</td>
            <td>07:50 am</td>
        </tr>
        <tr>
            <td>08:00 am</td>
            <td>08:50 am</td>
            <td rowspan="2">
                <mark>HTML</mark>
                <br>
                <del>CSS</del>
            </td>
        </tr>
        <tr>
            <td>09:00 pm</td>
            <td>10:00 pm</td>
        </tr>
        <tr>
            <td>Saturday</td>
            <td>11:00 am</td>
            <td>4:00 pm</td>
            <td>Computer Fundamentals</td>
        </tr>
        <tr>
```

```
                <td>Sunday</td>
                <td>11:00 am</td>
                <td>4:00 pm</td>
                <td>
                    <mark>HTML</mark>
                    <ol>
                        <li>Formatting Elements</li>
                        <li>Lists</li>
                        <li>Tables</li>
                    </ol>

                </td>
            </tr>
        </table>
    </body>

    </html>
```

<div style="color:coral">

Video of the Week   **10m**

</div>

- [A day in the life of a Google Software Engineer](#)

<div style="color:coral">

Case study/Project   **90m**

</div>

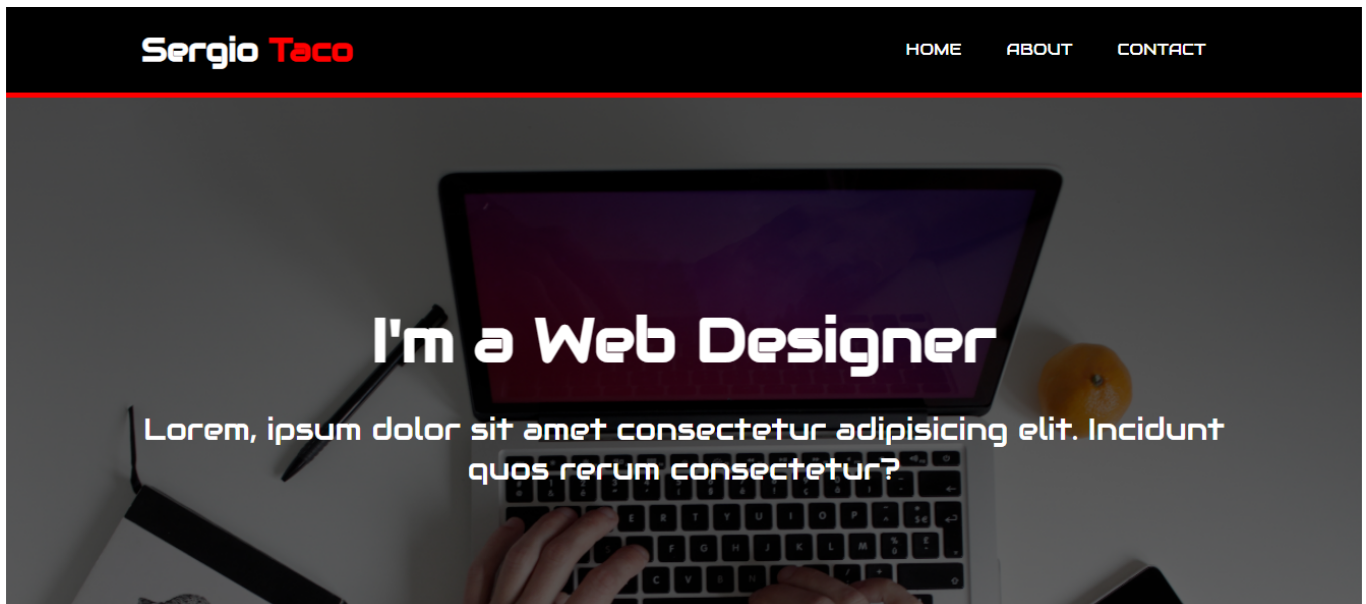# HTML & CSS Workshop

Learning Goals

- Practice using the HTML & CSS basic commands and create a portfolio page.

Introduction

We've covered HTML Headings, Formatting Elemenets, Tables, Images, Links and CSS Basics, but now it's time to put the concepts into practice. We'll start with building a portfolio page.

Problem Statement

- Write a code that creates a Portfolio Page.

- Functionally similar to this: Portfolio Page

Additional Resourses

- Picture's link Image One

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