

# Week 3. CSS Week - Todo List

## Step 1: Learning the theory part (Watch the lecture videos and read the notes)

### Basics of CSS - Part I

#### 4.1: Introduction to CSS

- Watch the video
- Read the corresponding note section

#### 4.2: Understanding CSS versions

- Watch the video
- Read the corresponding note section

#### 4.3: Adding CSS instructions to HTML Documents

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Create a folder called "cssPractice", in your "**Evangadi > Phase-1 > Week-3**" folder. Inside the "**cssPractice**" folder, create a folder and a file called "**CSS**" and "**index.html**", respectively. In addition, create a file named "**style.css**" inside the "**CSS**" folder.
  - In VScode, open the previously created "index.html" file and generate an HTML boilerplate.
  - Practice the three methods of adding instructions to HTML documents, as you watch the videos.

#### 4.4: CSS Units

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Practice the most commonly used CSS units, in the "index.html" file you created earlier.

#### **4.5: Thinking in terms of containers**

- Watch the video
- Read the corresponding note section, (including the step-by-step instruction on how to build puppy-lover's-page-design, in terms of container)
- Hands-on Computer:
  - While watching the video, construct the HTML structure of the "puppy-lover's-page" in terms of container.

#### **4.6: Naming containers and elements using Id and classes**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - While watching the video, practice assigning a class or Id name to the HTML structure of the "puppy-lover's-page" you created earlier by using the "thinking in terms of containers" approach.

#### **Note:**

Make sure the id and/or class name of your HTML files are more descriptive and/or related to your HTML element.

#### **4.7: Selecting elements using id, class, and element type.**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - While watching the video, practice selecting HTML elements with Id, class, or element type selectors.

#### **4.8: Selecting elements using star (wild selector), hover, and descendant selectors**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - While watching the video, practice selecting HTML elements with star/wild/universal, hover, or descendant selectors.

## Basics of CSS - Part II

### 5.1: Introduction to CSS properties

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - While watching the video, practice organizing your file and folder structure of “puppy-lover’s-page-design”.
  - Insert the appropriate image into each HTML element section.

### 5.2: Introduction to most common CSS properties

- Watch the video
- Read the corresponding note section (summarize the most common CSS properties)

### 5.3: Display property

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with watching the video, practice the most commonly used “display” CSS property values.

### 5.4: Position property

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with watching the video, practice the most commonly used “position” CSS property values.

### 5.5: Width and height

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with watching the video, practice the most commonly used “width and height” CSS property values.

### 5.6: Margin and padding

- Watch the video
- Read the corresponding note section

- Hands-on Computer:
  - Along with watching the video, practice the most commonly used “margin and padding” CSS property values.

### **5.7: Applying margin and padding properties to Puppy Lover’s page project**

- Watch the video
- Hands-on Computer:
  - Along with the video, practice applying the CSS properties, “margin and padding” on the puppy page project.

### **5.8: Borders**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with the video, practice applying the CSS property, “border” on the puppy page project.

### **5.9: Background**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with the video, practice applying the CSS property, “background-image” on the puppy page project.

### **5.10: Fonts**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with the video, practice linking Google Fonts on your project and applying the CSS property “fonts”.

### **5.11: Color**

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Along with the video, practice applying CSS color properties to your projects.

### 5.12: Priority order in CSS

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
  - Test priority or specificity of CSS along with the video

### 5.13: Conclusion

- Watch the video

#### **Note:**

By the time you've finished learning the theory, you should be able to:

1. Prepare all questions for which you will need additional explanations.
  - Make sure your questions are organized in conjunction with the corresponding videos.
2. Redo all the class demos on your computer
  - Build puppy-lover's-page, along with the video.
  - Apply/ practice all of the most commonly used CSS properties along with the video.

## Step 2: Attend the live classes

- This is your opportunity to get answers to any theoretical questions you may have

#### **Note:**

- Re-watching and discussing the lectures reinforces what you've learned

## Step 3: Complete the knowledge checklist

- Go through the knowledge checklist to ensure you understand all the key points.

## Step 4: Work on the exercises

This week's exercise is to complete these three assignments. Detailed steps you should follow on how to complete the assignments can be found at this link:

<https://www.evangadi.com/courses/MERN-Stack/phase1/exercises/week-3-basics-of-css-exercise.pdf>

Build puppy-lover's-page

- Steps:
  - Start by building ONLY the HTML structure of the Puppy Lover's page. There is a video link below that will walk you through the process of building the website, step-by-step: <https://www.youtube.com/watch?v=J90pTe0bBMw>
  - Start adding names to your HTML (Classes and IDs)
  - Start styling your HTML using CSS

**Note:**

First, try to work on the assignments on your own. Make a list of all the questions and difficulties you encountered while working on the assignments. During group discussion hours, you will discuss these with your teachers.

## Step 5: Attend group discussions

**Note:**

- This is the time to address any difficulties you encountered while working on the assignments.
- This is also another opportunity to discuss any questions you may have about this week's topic.