

Week 4. Project week - (Rebuilding Apple.com's homepage)

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

Rebuilding Apple.com's homepage using HTML & CSS

6.1: Introduction

- Watch the video
- Read the corresponding note section

6.2: Website, application and software development life cycle (SDLC)

- Watch the video
- Read the corresponding note section

6.3: Website development phase

- Watch the video
- Read the corresponding note section

6.4: Steps needed to take before building any website

- Watch the video
- Read the corresponding note section
- Hands-on Computer:
 - In your **"Evangadi > Phase-1 > Week-4"** folder create a folder named **"appleProject"**. Inside the **"appleProject"** folder, create two folders named **"resources"** and **"appleHome"**.
 - Inside the **"resource"** folder, place your images and other crucial design files.
 - Under the **"appleHome"** folder, create a **"sprint1"** folder.
 - Open **"appleProject"** in VSCode and practice everything, along with the video.

Re-building Apple's Website Step-by-Step

- Watch the video
- Hands-on Computer:
 - Inside the Evangadi folder, create "appleWebsite" folder.
 - Open the "appleWebsite" folder in VSCode
 - Create a "CSS" folder inside the "appleWebsite" folder.
 - Create a folder called "images" under "appleWebsite."
 - Create "index.html" file and then proceed with your work, in conjunction with the video. (Follow the step-by-step instructions for building your Apple home page.)

Introduction to UX/UI design

7.1: Why do businesses need a website and what is attention trading?

- Watch the video
- Read the corresponding note section

7.2: Web design (UX and UI design)

- Watch the video
- Read the corresponding note section

7.3: Web design psychology

- Watch the video
- Read the corresponding note section

7.4: What do web designers design?

- Watch the video
- Read the corresponding note section

7.5: Photoshop skills needed as a web developer

- Watch the video
- Read the corresponding note section

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.

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 that you understand all of 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-4-rebuilding-apple-website-exercise.pdf>

Build “Apple.com’s Homepage”

- Steps:
 - Start by building ONLY the HTML structure of Apple’s homepage. 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=cWqmE5sc_cU
 - 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.