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Batch: Comps C Batch

**Aim:**

To design webpages using HTML, CSS, and JavaScript.

**Requirements**:

HTML5, CSS3, JavaScript, Bootstrap4, Font Awesome Icons, Visual Studio IDE.

**Problem Statement:**

Twstudy is a social media platform that offers learning courses for all ages and also has an option to register as an instructor. The website fully responsive because of the bootstrap classes working on mobile devices as well as desktops.

* Home page of the website contains all the course info, course details and instructor join option.
* The course page consist of course shown in tab bar view and its details in form of cards. Course details page shows a specific course in details with expansion tiles.
* Log in and sign up page uses Javascript to show the information in alert form.
* Contact Page has a Smtp message email system that collects users data and send the message to the developer’s Gmail account

**What is HTML?**

HTML is actually shorthand for Hypertext Markup Language. It is the language of Web pages that tells a browser how to display certain elements, such as text and images through the use of codes and symbols. HTML is the standard when it comes to creating Web pages. The World Wide Web Consortium, or W3C recommends it. Being such, most browsers implement HTML to help display Web pages more or less uniformly.

**Structure of an HTML page**

HTML is very simple and it is logical. A browser would start reading an HTML page from the top going down, from left going right. It does follow a basic structure. First, you have to declare that the document is an HTML document. You can do this by using the

<html> tag. Then there are the two other sections called the <html> and <body> of your document. The <head> is where you put in all the information you want to include about your document. The <bod> is basically the content of your HTML document. Put in another way, the section is what people see when they view your HTML document