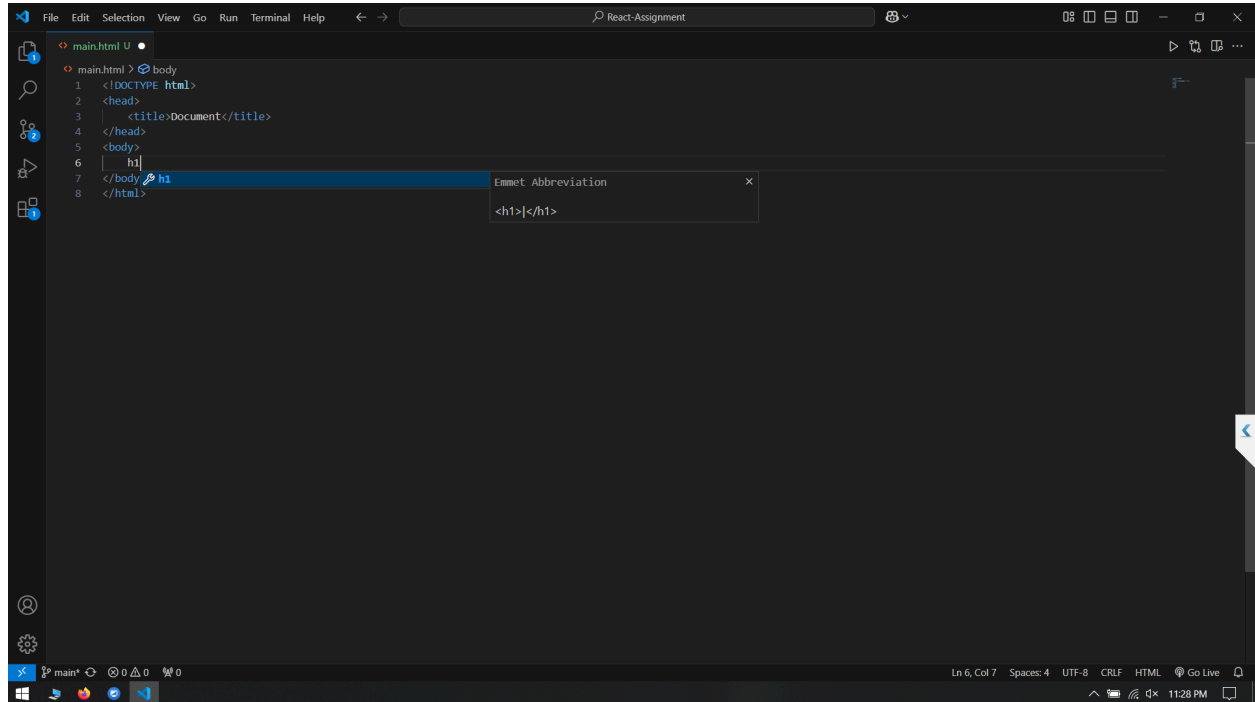


1) What is Emmet?

Emmet is a plugin for text editors like vs code that allows for fast HTML and CSS writing using abbreviations that expand into full code.

Example:



2) Difference between a Library and Framework?

Library:

A library has a set of functions which your application code calls for specific functions. so library is a group of reusable functions and classes which are used by the developers to perform common tasks.

Framework:

Framework is itself an application, it includes almost everything necessary to make a user application as per his own needs.

Basically the frameworks are tools which are designed for a specific use, like for python, we have django framework for web development.

Frameworks are written in the language which is it used by, like python, java, javascript etc

3) What is CDN? Why do we use it?

CDN stands for Content Delivery Network.

The CDN is a network of all the servers that deliver data all over the world to the web user.

CDNs store copies of website content like images, videos, and other files on multiple servers in different locations

When a user requests content from a website, the CDN redirects the request to the server closest to the user's location.

4) Why is React known as React?

When data in a react application changes, the components that are dependent on that data gets updated automatically fast and responsively (reactive), meaning everything reacts according to the changes made in the components etc

5) What is cross-origin in the script tag?

The cross-origin attribute in HTML is used to control how resources are fetched from different domains and a security measure.

attribute is used on HTML elements that fetch external resources, such as `<script>`, ``, `<link>` (for stylesheets), `<video>`, and `<audio>`.

It tells the browser how to handle the request for that resource if it's coming from a different domain.

6) What is the difference between React and ReactDOM?

React Library:

A JavaScript library for building and managing UI components

It is a core library for building UI

Creates reusable UI components and also to manage their state

Can be used for web, mobile, and other platforms

ReactDOM:

Its a package in react which helps react to interact with the DOM(Document Object Model)

Handles the rendering and updating of UI components in the DOM

Renders React components to the DOM and updates them when the state changes

Used for web applications, integrating with the browser.

7) What is the difference between `react.development.js` and `react.production.js` files via CDN?

`react.development.js`:

When developing your application. This will help you catch errors and debug your code more easily.

`react.production.js`:

When deploying your application to a production environment. This will ensure that your application is as fast and efficient as possible.