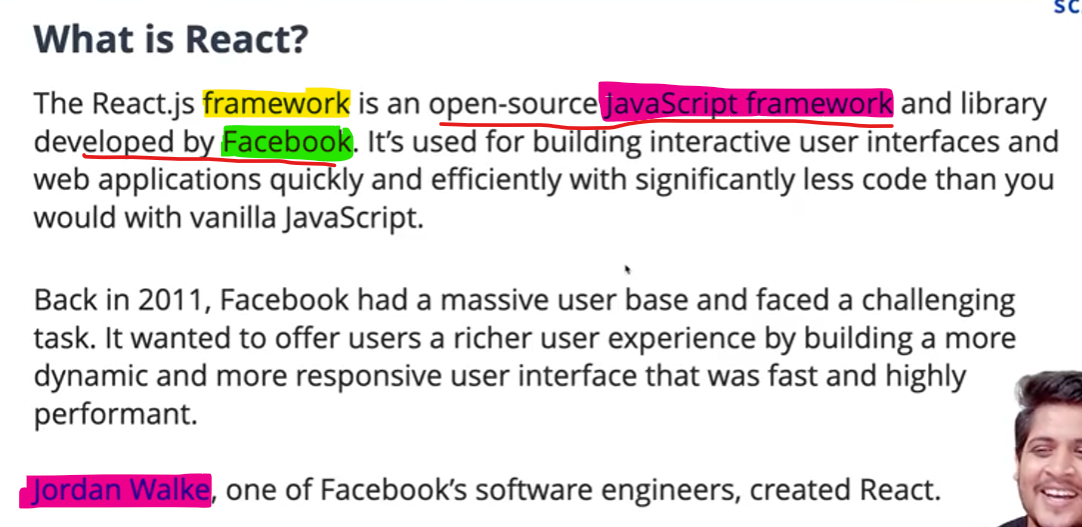
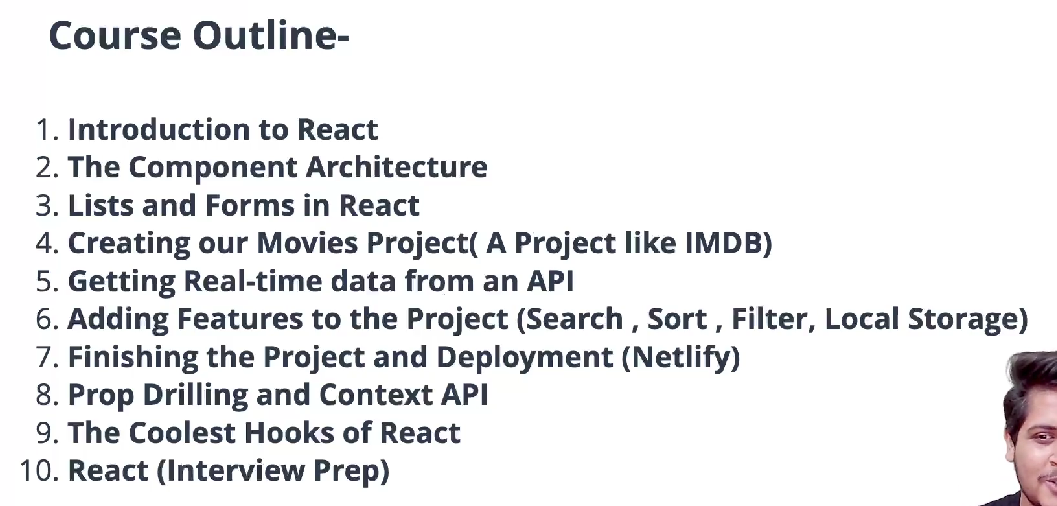
**REACT - SCALAR**

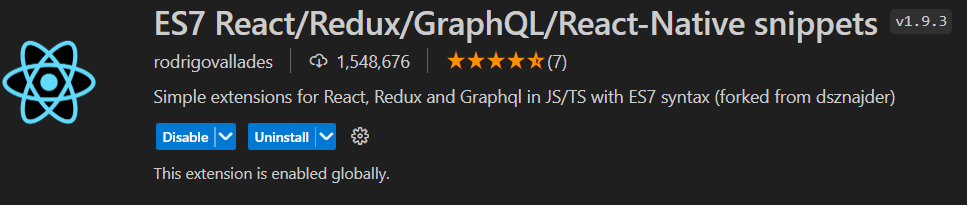
1. ***Introduction to React JS* :**
   1. **Introduction :**



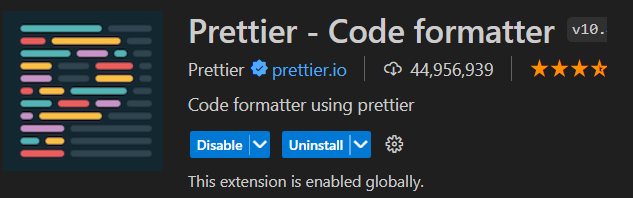




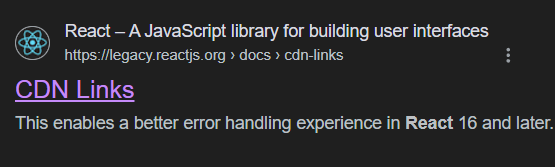
* 1. **Setting Necessary Tools for React :**
     1. **VS CODE.**
     2. **Install extension in VS Code:**



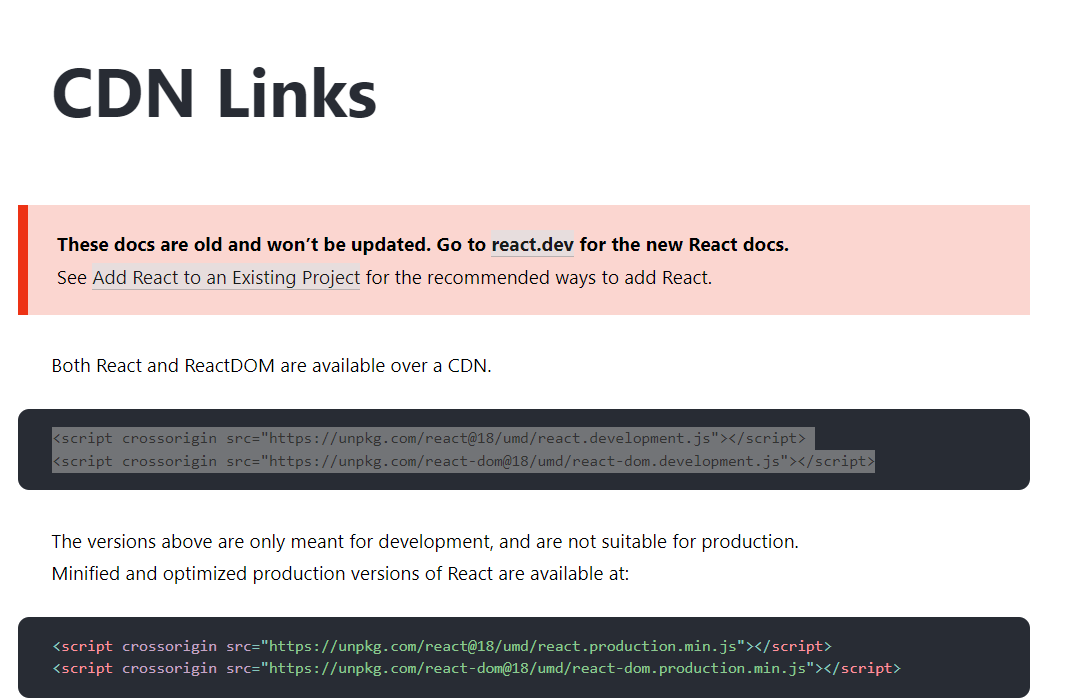
* + 1. **Install extension “prettier” in VS code :**



* + 1. **Install NodeJS . (React need support of Node JS).**
  1. **React with CDN :**
     1. Using CDN links in React gives quick and convenient way to integrate React into your projects without the need for a package manager.
     2. Type “cdn links for react” and go to the first link.



* + 1. Then copy and paste the two script links to your “index.html”(One link is react script and other is react-dom script).



* + 1. React is an External Library(JS Library).Our browser doesn’t know react exist or not.Our browser only knows the ‘DOM’.So the above two script links(1st link has all the properties and 2nd link helps React to communicate with DOM ) helps the the browser to get React .

“index.html” :

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>Document</title>

  </head>

  <body>

    <div id="root">

      <h1>Hello from HTML!</h1>

    </div>

    <!-- <script>

        //How to add h1 tag using JS:

        const message = document.createElement('h1');//h1 element created

        message.innerHTML = 'Hello From JavaScript';//message created

        const root = document.getElementById('root');//Getting the id of div tag to pass the message.

        root.appendChild(message);//message appended to div with id "root"

    </script> -->

    <!--CDN Links-->

    <script

      crossorigin

      src="https://unpkg.com/react@18/umd/react.development.js"

    ></script>

    <script

      crossorigin

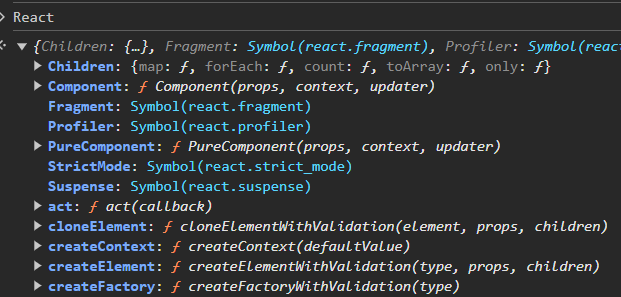
      src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"

    ></script>

  </body>

</html>

* 1. **Your First React code :**
     1. Goto inspect and select console and type ‘React’ ,then it will display all properties/methods of react :



* + 1. Method “createElement”:

    <!--First React code-->

    <script>

        const message = React.createElement('h1',{},'Hello From React.');

    </script>

* + 1. Asd
    2. Asd
  1. **asdasd**
  2. **asdasd:**
     1. Inside the folder ‘models’ create a file ‘courseModel.js’: