

Lesson 02 Demo 08

Using Nav, Section, Time, and Abbreviations in HTML

Objective: To create an HTML file that includes navigation links, sections, time formatting, and abbreviations to structure and enhance a web page

Tools required: Ubuntu Linux VM

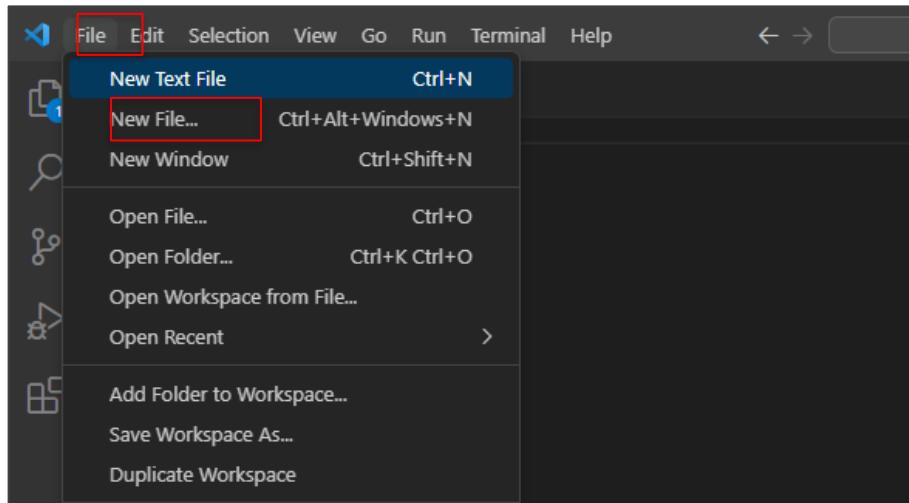
Prerequisites: Visual Studio Code, Web browser

Steps to be followed:

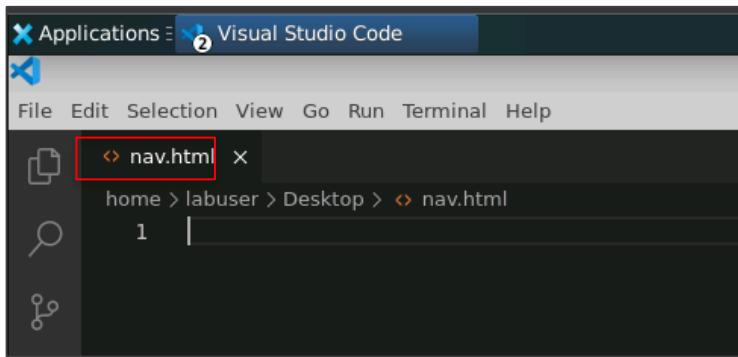
1. Create an HTML file and add the required elements
2. Execute the HTML file

Step 1: Create an HTML file and add the required elements

1.1 Open Visual Studio Code, right-click on the **File** menu of the code editor, and select **New File...**



1.2 Save the file as **nav.html**



1.3 Enter the code given below for resolving the warning and errors due to compatibility-related issues:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Nav</title>
</head>
<style>
    .nav
    {
        display: inline;
    }

</style>
<body style="background-color:rgb(108, 158, 231);>
    <!--Nav code-->
    <nav class="mynav">
        <a href="/Science"> COMPUTER SCIENCE</a>
        <a href="/Commerce"> COMMERCE</a>
        <a href="/Economics"> ECONOMICS</a>
        <a href="/Accountancy"> ACCOUNTANCY</a>
    </nav>
```

```
<br>
<section>
    <!--Section code-->
    <h2>HTML</h2>
    <!--Abbreviation code-->

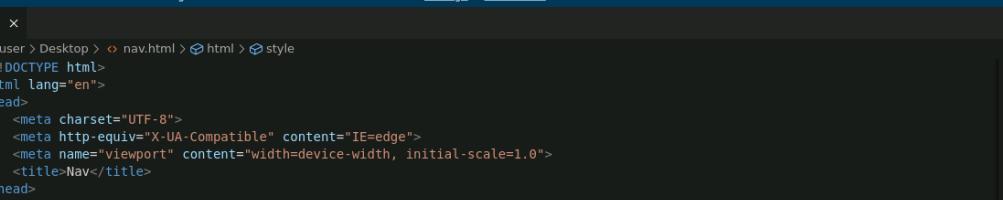
    <p><dfn><abbr title="Hyper Text Markup language">HTML</abbr>
    </dfn> is the standard markup language for documents designed to be displayed in
    a web browser.

    It can be assisted by technologies such as Cascading Style Sheets (CSS) and
    scripting languages such as JavaScript.</p>
</section>
<Section>
    <h2> HTML History</h2>
    <p> Sir Tim Berners-Lee developed HTML in late 1991 but did not formally release
    it.

    HTML 2.0 was released in 1995. HTML 4.01, a significant version, was released in
    late 1999.</p>
</Section>

<br>
    <!--To display time-->
    <p> Clinic is open from <time>10:00</time> to <time>21:00</time> every
    weekday.
    <br>
        I have a meeting scheduled for Friday</time></p>
    <br>

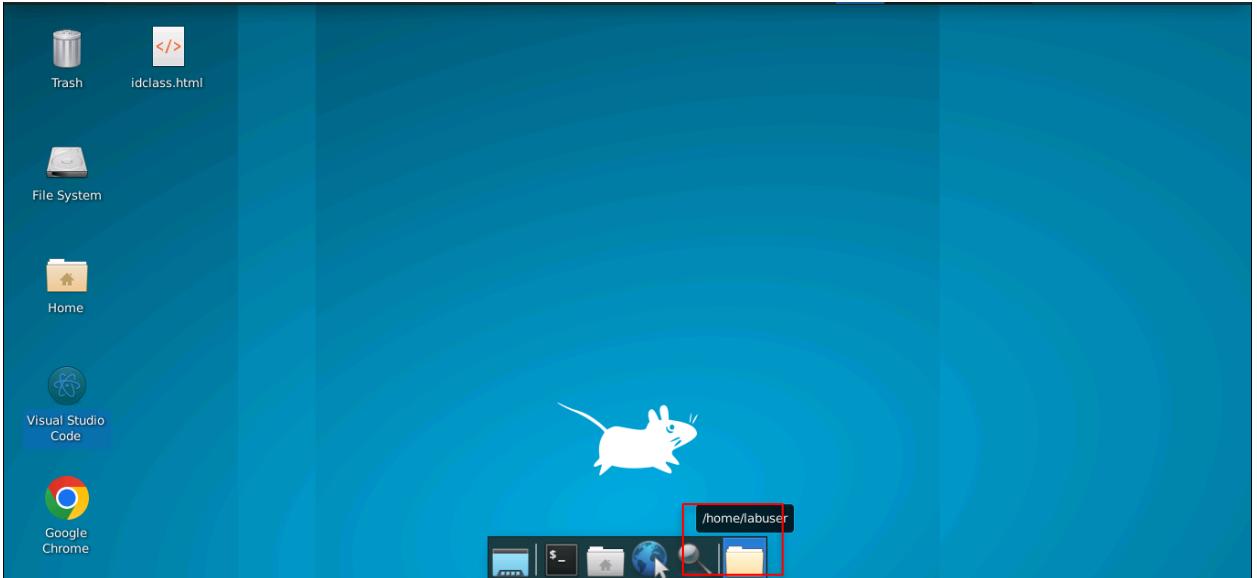
</body>
</html>
```



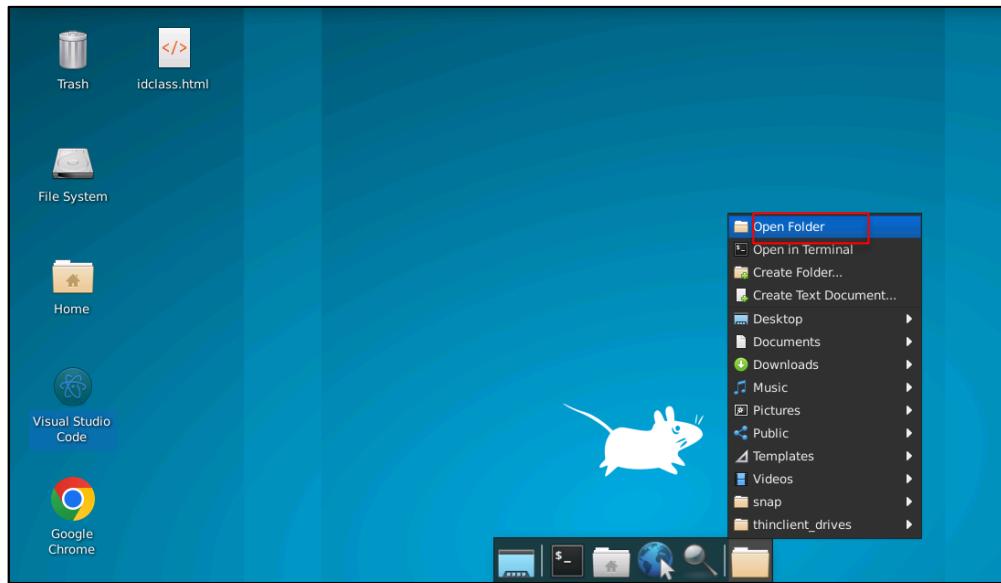
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    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Nav</title>
</head>
<style>
    nav
    {
        display: inline;
    }
</style>
<body style="background-color: #rgb(108, 158, 231);">
    <!--Nav code-->
    <nav class="mynav">
        <a href="/Science"> COMPUTER SCIENCE</a>
        <a href="/Commerce"> COMMERCE</a>
        <a href="/Economics"> ECONOMICS</a>
        <a href="/Accountancy"> ACCOUNTANCY</a>
    </nav>
</body>
```

Step 2: Execute the HTML file

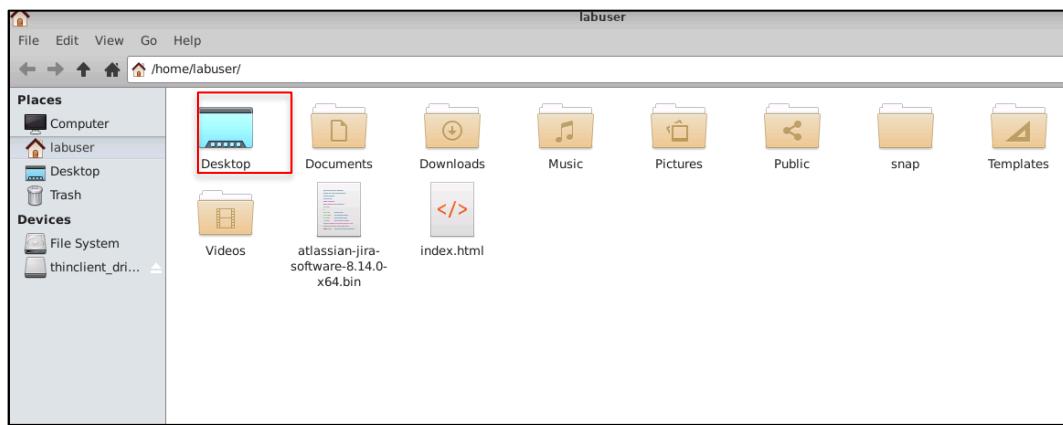
2.1 Click on /home/labuser



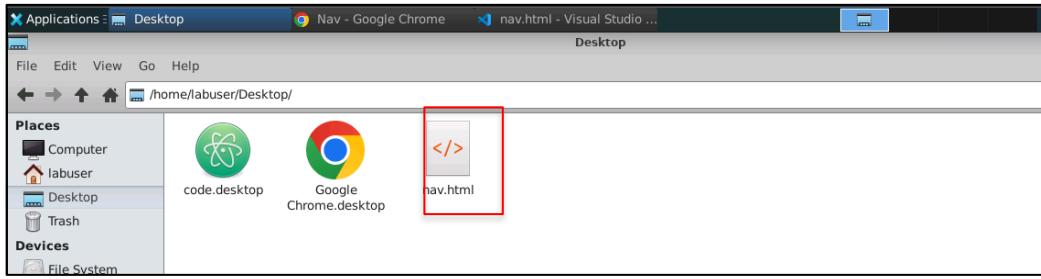
2.2 Click on Open Folder



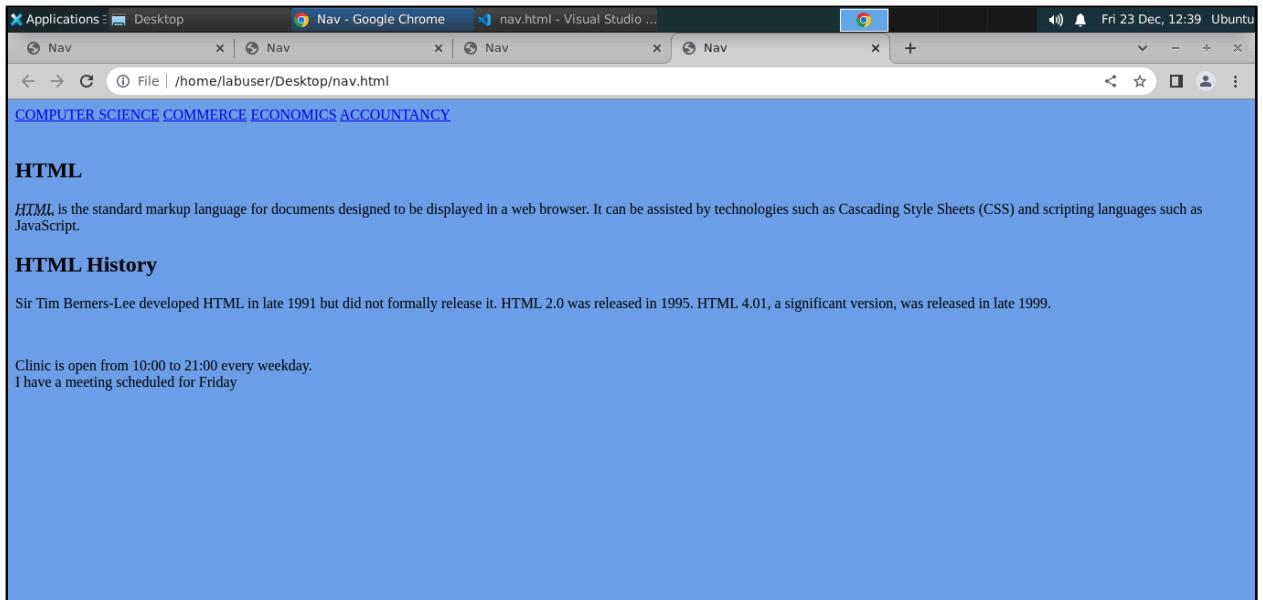
2.3 Click Desktop



2.4 Double-click on nav.html to open it in a web browser



2.5 Verify that the web page displays a navigation menu, two sections (HTML and its history), an abbreviation with a tooltip, and formatted time



By following these steps, you have successfully created an HTML file incorporating navigation, sections, time formatting, and abbreviations and displayed it in a web browser on an Ubuntu Linux VM.