

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

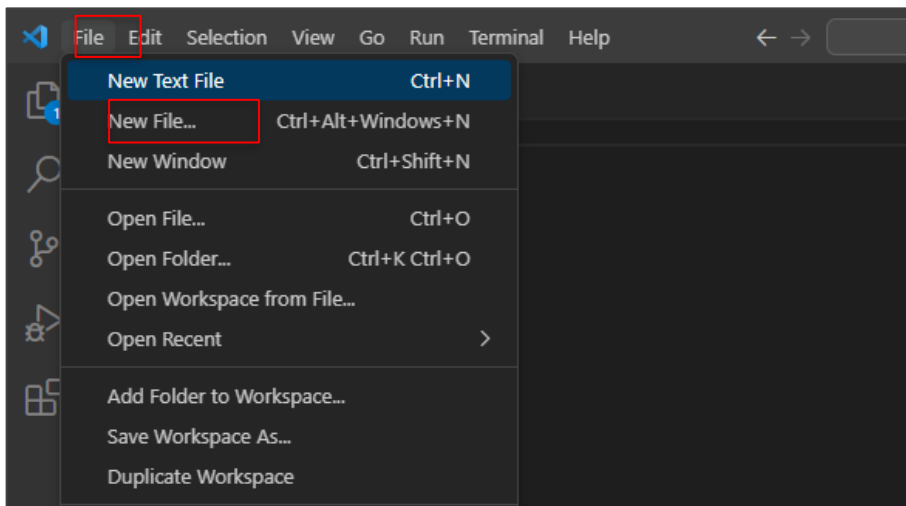
Prerequisites: Visual Studio Code, Web browser

Steps to be followed:

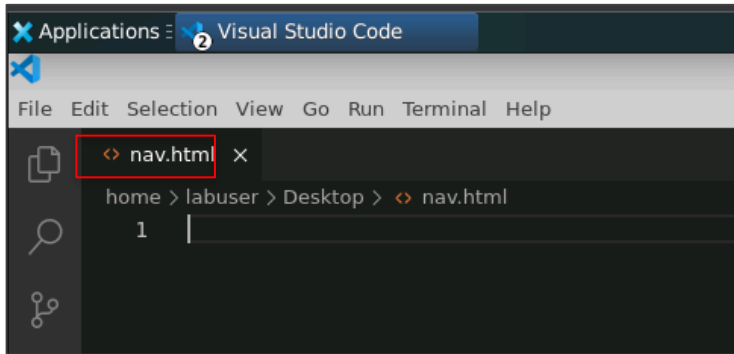
1. Create an HTML file and add the required elements
2. Execute the HTML file

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>
```


<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>

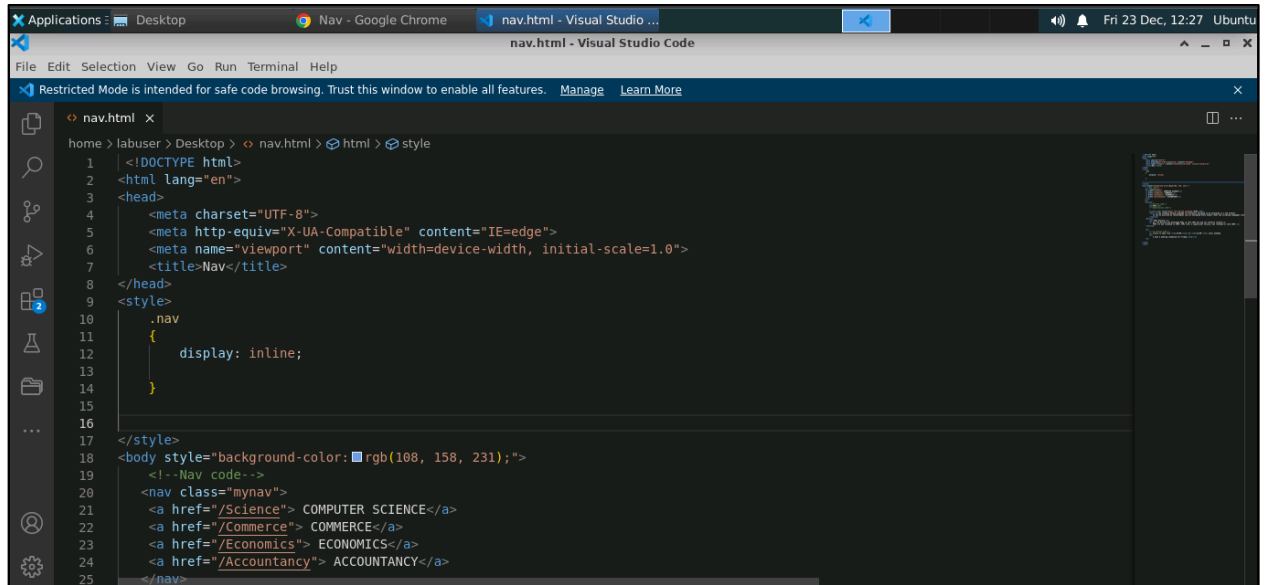
<!--To display time-->

<p> Clinic is open from <time>10:00</time> to <time>21:00</time> every weekday.

I have a meeting scheduled for Friday</time></p>

</body>

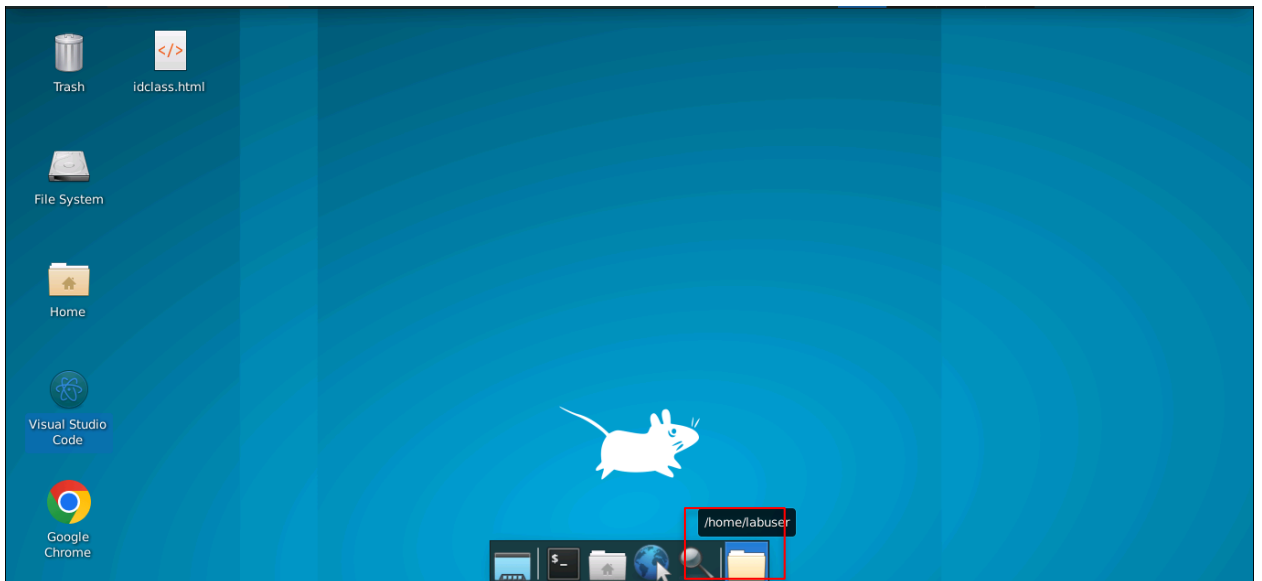
</html>



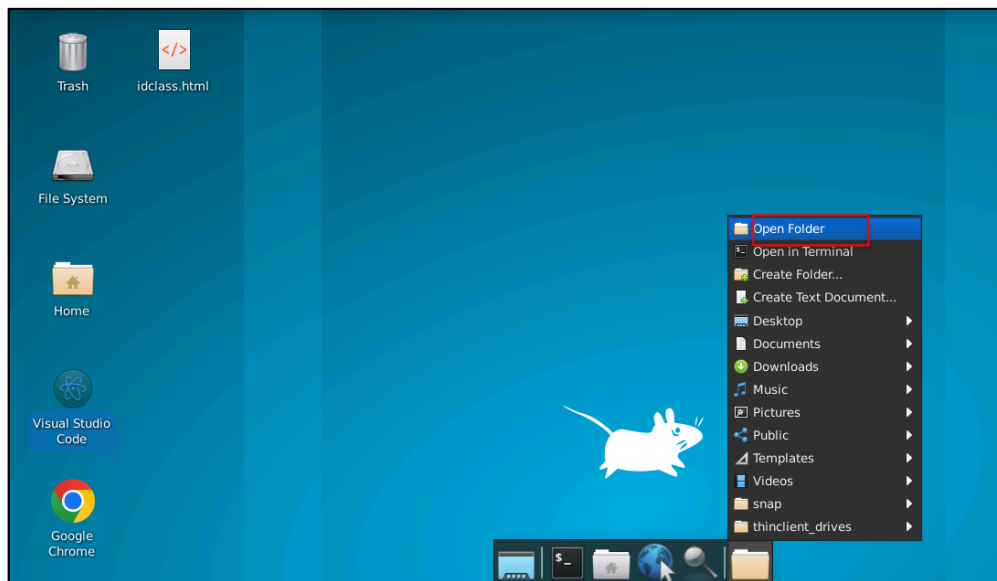
```
home > labuser > Desktop > nav.html > html > style
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Nav</title>
8 </head>
9 <style>
10  .nav
11  {
12    display: inline;
13  }
14
15
16 </style>
17 <body style="background-color: rgb(108, 158, 231);">
18 <!--Nav code-->
19 <nav class="mynav">
20   <a href="/Science"> COMPUTER SCIENCE</a>
21   <a href="/Commerce"> COMMERCE</a>
22   <a href="/Economics"> ECONOMICS</a>
23   <a href="/Accountancy"> ACCOUNTANCY</a>
24 </nav>
25
```

Step 2: Execute the HTML file

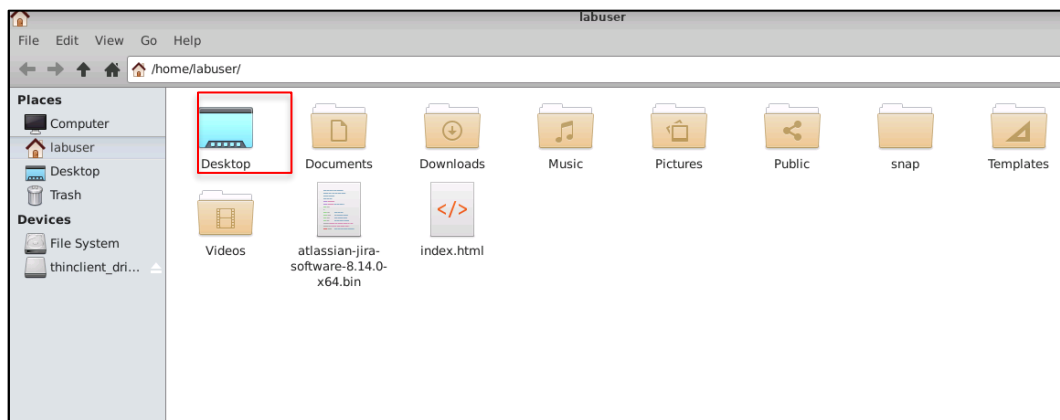
2.1 Click on `/home/labuser`



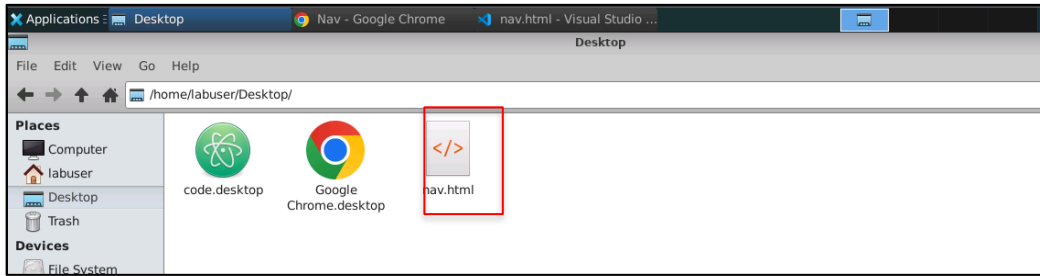
2.2 Click on **Open Folder**



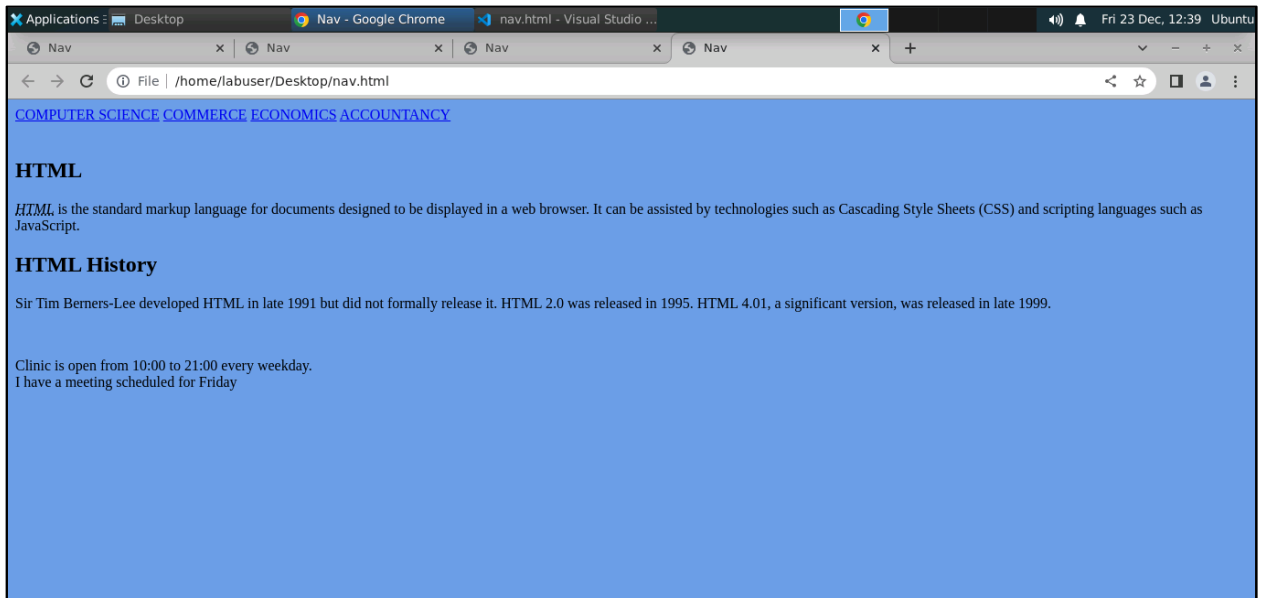
2.3 Click **Desktop**



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.