

Content

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Exercise

INTRODUCTION TO HTML

What is html?

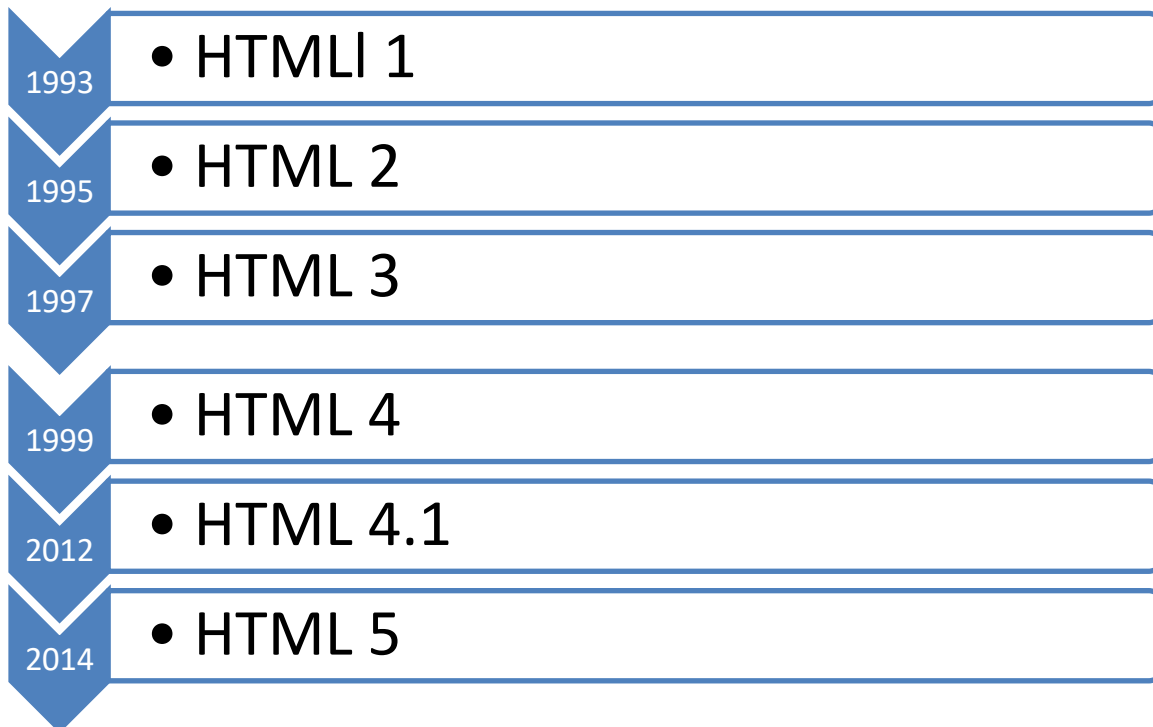
- A html is an hyper-text mark-up language
- A mark-up language is used to define the text document within the tag which defines the structure of web pages.
- HTML is the language for describing the structure of Web pages with the help of html we can structure WebPages and for styling (designing) WebPages we use Css (Cascading style sheet) and for logic building we use JavaScript.....



So for now we will only learn about html

- The first version of HTML was written by Tim Berners-Lee in 1993. Since then, there have been many different versions of HTML.

Version of html:



Advantages of html:-

- Html is used to build WebPages/websites
- It supports all browser of any operating system (for example Chrome, Firefox, Opera and Safari)
- Html is light weighted

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- Html is user friendly

Disadvantages of Html:

- Html can only create static pages for creating dynamic WebPages we have to use other languages like PHP, JAVA AND PYTHON
- To create simple WebPages Too much of code is needed
- Lack of security and vulnerability

Exercise

BASICS AND STRUCTURE OF HTML

A simple html document has:-

- The **<!DOCTYPE html>** defines that this document is of HTML5
- The **<html> element** is the root element of an HTML page
- The **<head> element** contains meta information about the HTML page
- The **<title> element** defines the title of the document.
- The **<body> element** contains all the content of Html documents such as (**Hyperlink , Forms , Paragraph, Table** and many more)

What is an element in Html:-

An HTML element is defined by a start tag, some content, and an end tag

<Tagname> Your content </Tagname>

Structure of Html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title> Ebook </title>
  </head>
  <body>
    Your content goes here
  </body>
</html>
```

Note:

- You have to write all your content (for example paragraph, heading, tables, forms) in body so that it can display it on your browser
- The content inside the <title> element will be shown in the browser's title bar or in the page's tab.

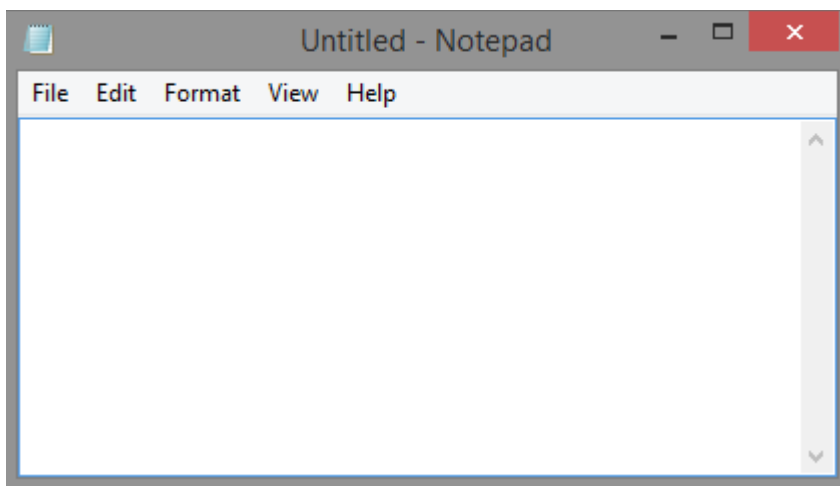
Html Editors

You can write your html code in any text editor so for example

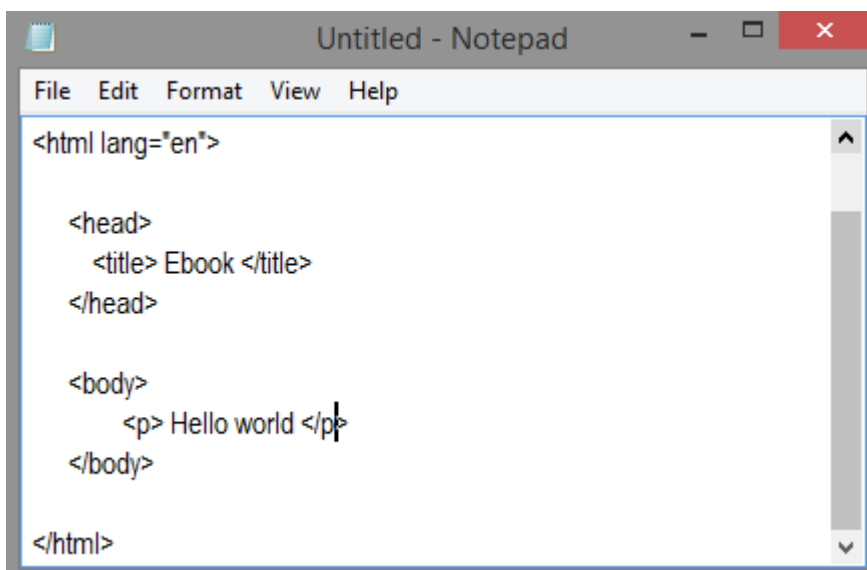
Here we are using note-pad for writing our code.

You should follow following steps to write html code in note-pad

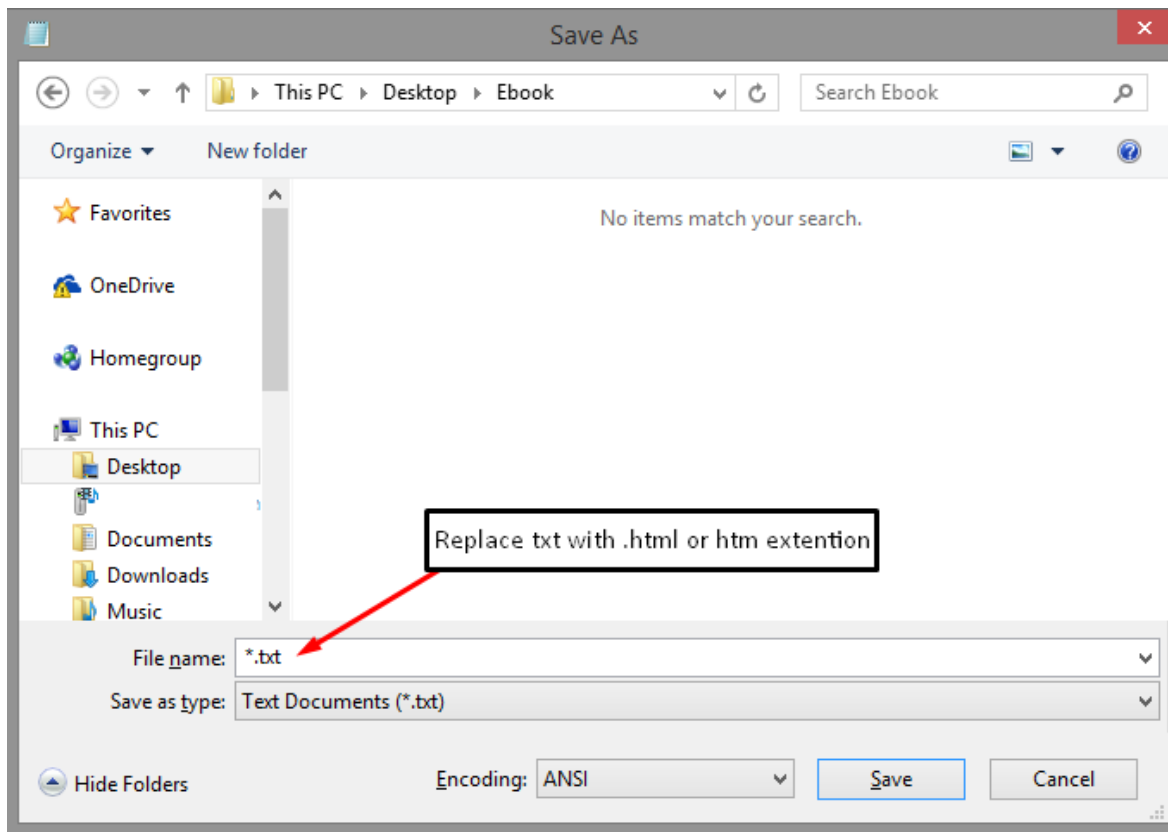
Step 1 – Open notepad or any other text editor



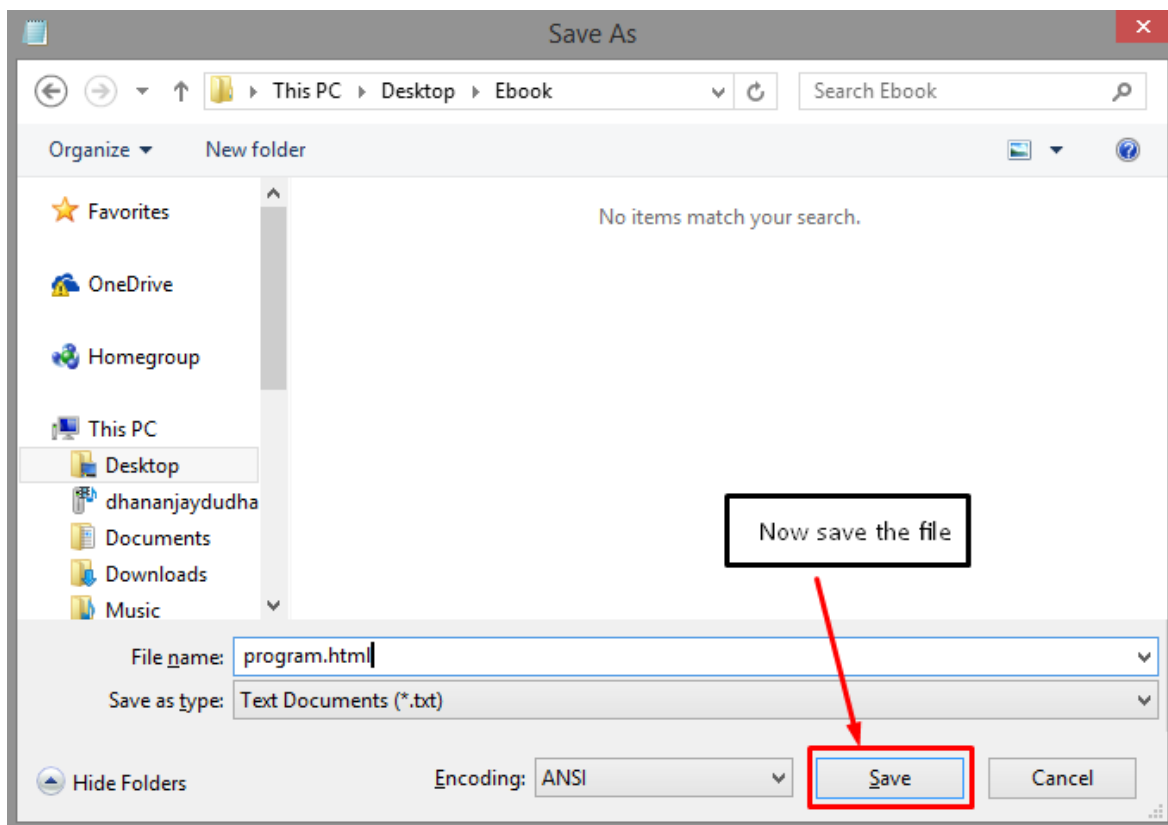
Step 2 – Now write some Html code



Step 3 – Replace txt with your file name

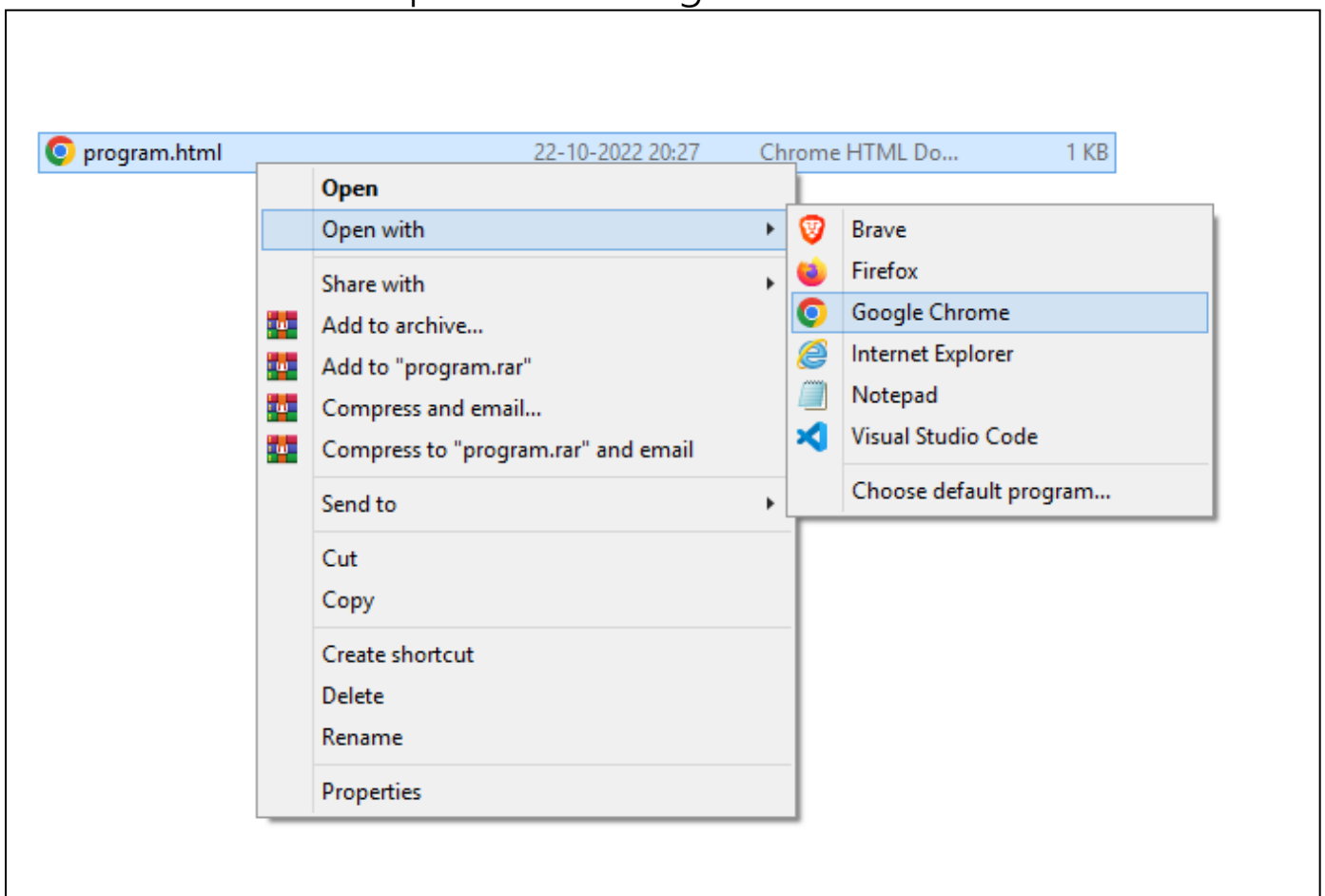


Step 4 – And save it by .html or htm extension and then save the file

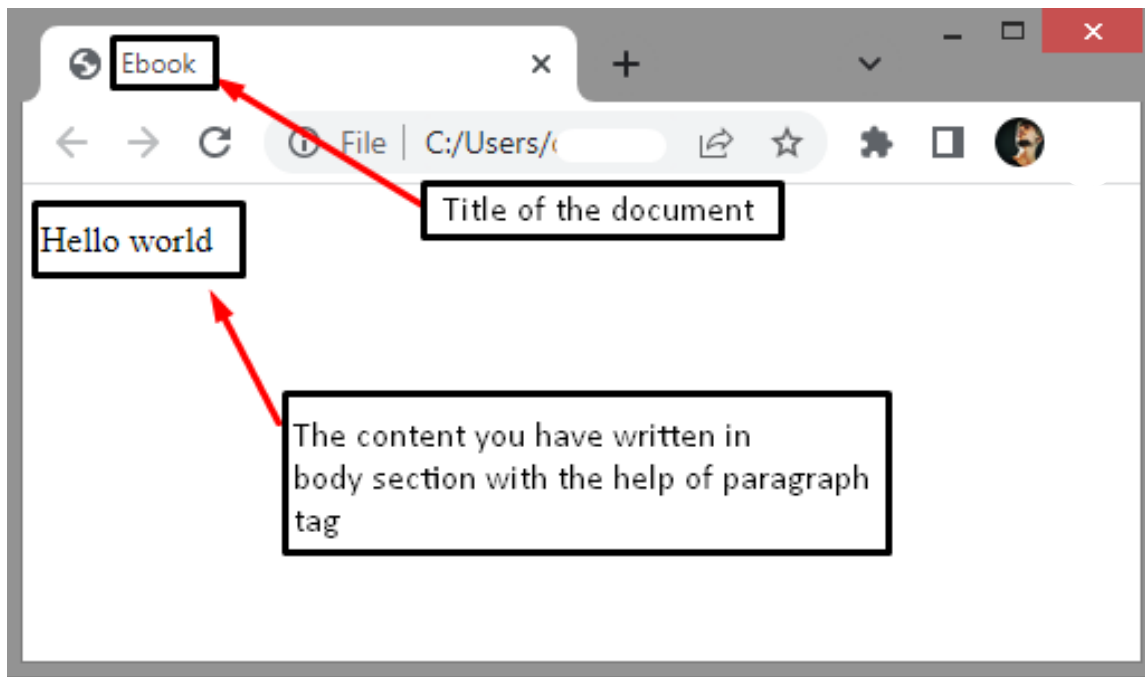


you have successfully written your code in html ,Now we have to see this code in Web-browser so for that you have to follow the following steps

Step 1:- Right click on the html code that you have saved
And then click on open with Google chrome



Step 2:- You can see output of your html code



Best editor that i would recommend is visual studio code it makes everything easy while writing code

Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps.

Html Elements