HTML

<https://www.w3schools.com/>

HTML stands for HyperText Markup Language – Is the Language for creating web pages/ websites.

HTML is the Language of Internet.

HyperText – It has little more functionality than the normal text. On clicking it, which may take/open any other resources in browser.

Markup means tag based language.

Tags will start with a starting tag and end with a closing tag.

HTML is the easiest language to learn.

Every html document will have head & body sections.

Head tag will be used for providing meta data to search engines.

<b> Some Text Here </b>

The head section of the html file will usually contains meta informations.

You can create html pages using any text editor.

VS Code (Visual Studio Code) – Developed by Microsoft

<https://code.visualstudio.com/download>

Why HTML is easy to learn.

1. No Error Reporting (Error Handling Mechanism)
2. Tags are pre-defined
3. No compilation/ run-time error.
4. Code will work even with some mistakes
5. HTML is not case & space sensitive.

Generally web sites consist of multiple web pages. Each web page is the HTML document.

In HTML, tags needs to be properly nested.

<html> is the root tag.

<html>

<head>

<!-- 🡪

</head>

<body>

</body>

</html>

Elements in HTML is nothing but combination of html tags along with content. It contains opening tag, closing tag and contents in between them.

Attributes which provides further information to html tags.

Types of HTML elements

1. Block Element (Occupy the entire view-port) – P, div tag.
2. In-line element (It will not occupy the full screen, rather will take partial screen only) <span> </span>

HTML5 does user level validation. (Attributes type=email, required = required, pattern)

Few tags in HTML are auto closable.

Create a Login Form with Remember password feature.

Types of Tags