**Chapter 1- Creating our first website**

WE start building a website by creating a file named index.html. index.html is a special filecase which is presented when the website real address is typed

A Basic HTML Page

<!Doctype html> 🡪 specifies this an html 5 doc

<html> 🡪 root of an HTML page

<head> 🡪 contains page metadata

<title> Bikash Website </title> 🡪 contains title

</head>

<body> 🡪 The main body of the page (rendered by the browser)

<h1> This is a heading </h1> 🡪heading tag

<p> My paragraph </p> 🡪paragraph tag

</body> closing body tag

</html>

A tag is like a container for either content or other HTML tags.

HTML Document 🡪 Browser 🡪 Rendered Page

Imp notes

* Head and body tags are children of HTML tags.
* HTML is the parent of Head and Body tags.
* Most of the Html elements have opening and closing tag with content in between opening and closing tags.
* Some HTML tags have no content. These are called Empty elements. Eg <br>.
* We can either use .htm or .html extension.
* You can use “inspect Element” or “View Page Source” option from chrome to look into a website’s HTML Code.

HTML element = Start tag + Content + End Tag

**Comment in HTML**

Comments in HTML are used to mark text which should not be passed. They can help document the source code.

<! – HTML Comment -- > shortcut ctrl k + ctrl c

**Case Sensitivity**

HTML is a case insensitive language <H1> and <h1> tags are the same.

**Practice set**

1. Inspect your favorite website and change something on the page which is displayed
2. Go to your favorite website and try to view the page source and write the exact lines of code. Does it clone the website and why?
3. Write any HTML code inside a text file. Does it work if you write it using notepad?