



# WEB DEVELOPMENT

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HTML

CSS

BOOTSTRAP

SHUBHANSHU NISHAD  
YOUNG SCIENTIST OF INDIA ||  
FOUNDER OF META EDUCATOR



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# WEB DEVELOPMENT BOOTCAMP (2 WEEK COURSE )

HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web.

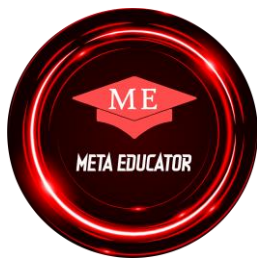
HTML

CSS

CSS stands for **Cascading Style Sheets**. It is the language for describing the presentation of Web pages, including colors, layout, and fonts, thus making our web pages presentable to the users.

Bootstrap is a HTML, CSS & JS Library that focuses on **simplifying the development of informative web pages** (as opposed to web apps).

BOOTSTRAP



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# **HTML**



**HTML - SKELETON OF  
WEBSITE**

**CSS- BODY OF WEBSITE**

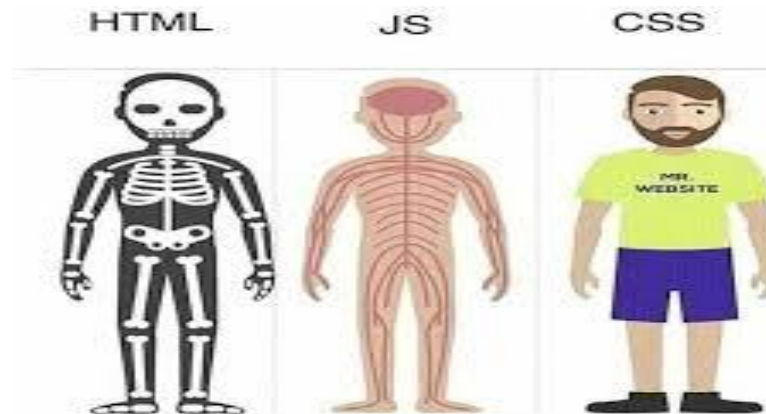
# **CSS**



# JS

## JAVASCRIPT - BRAIN OF WEBSITE

## IN SINGLE PICTURES



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# HTML

HTML stands for **Hyper Text Markup Language**

HTML is the **standard markup** language for Web pages

HTML **elements** are the building blocks of HTML pages

HTML elements are represented by **<> tag**



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# ***CSS***

- **CSS** stands for **Cascading Style Sheets**
- CSS describes **how HTML elements are to be displayed on screen, paper, or in other media**
- CSS **saves a lot of work**. It can control the layout of multiple web pages all at once
- External stylesheets are stored in **CSS files**



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# JAVASCRIPT

## # JavaScript

is the Programming Language for the Web.

## # JavaScript

can update and change both HTML and CSS.

## # JavaScript

can calculate, manipulate and validate Data.



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Before you begin creating your own website and launch it to the Internet, it's important to know how websites work. Here are some basic terms:

- A **website** is simply a collection of web pages of codes – codes that describes the layout, format and content on a page.
- The **web server** is a internet-connected computer that receives the request for a web page sent by your browser.





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- The **browser** connects your computer to the server through an IP address. The IP address is obtained by translating the domain name. (*Don't worry, this part is all done automatically by your browser so you don't have to look up the IP addresses yourself.*)

In other words, in order to display your website on the Internet, you will need:

- *A website*
- *A domain name*
- *A server*



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# Learn HTML Using Notepad or TextEdit

Web pages can be created and modified by using professional HTML editors.

However, for learning HTML we recommend a simple text editor like Notepad (PC) or TextEdit (Mac).

We believe in that using a simple text editor is a good way to learn HTML.

Follow the steps below to create your first web page with Notepad or TextEdit.



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# Step 1: Open Notepad (PC)

## **Windows 8 or later:**

Open the **Start Screen** (the window symbol at the bottom left on your screen).  
Type **Notepad**.

## **Windows 7 or earlier:**

Open **Start > Programs > Accessories > Notepad**



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# Step 1: Open TextEdit (Mac)

Open **Finder > Applications > TextEdit**

Also change some preferences to get the application to save files correctly. In **Preferences > Format > choose "Plain Text"**

Then under "Open and Save", check the box that says "Display HTML files as HTML code instead of formatted text".

**Then open a new document to place the code.**



# DOWNLOADING VISUAL CODE STUDIO

Click here to download it. <https://code.visualstudio.com/download>

# I am a web developer

**#KHABRILAL OF CRUSH**



# Let's Write our First website...

Write or copy the following HTML code into Notepad:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device
-width, initial-scale=1.0">
  <title>My First Website...</title>
</head>
<body>
  I am Very happy, & very soon I will become
an expert web designers.
</body>
</html>
```



# Explain Keyword.

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents,
- The `<html>` element is the root element of an HTML page



# STRUCTURE....

```
<html>
```

```
<head>
```

```
<title>Page title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```





## CODE

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```





# THANK YOU

