



VAAGDEVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE & Affiliated to JNTUH, Hyderabad
Bollikunta, Warangal Urban, Telangana - 506005



Department of CSE (Data Science)

A Three days hands on workshop on Webdesigning

04-09-2024 to 06-09-2024



RAJU. K



Visual Studio Code

Visual Studio Code combines the simplicity of a code editor with what developers need for their core edit-build-debug cycle.

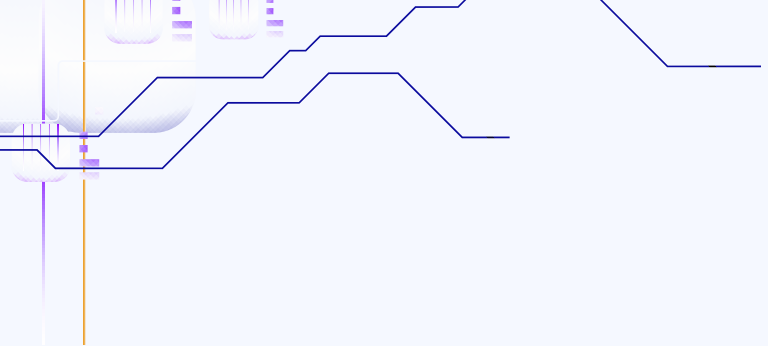
It provides comprehensive code editing, navigation, and understanding support along with lightweight debugging, a rich extensibility model, and lightweight integration with existing tools.

Visual Studio Code Languages & Extensions



More extensions available at

<https://marketplace.visualstudio.com/search?target=VSCode&category=Data%20Science&sortBy=Installs>



Introduction to HTML

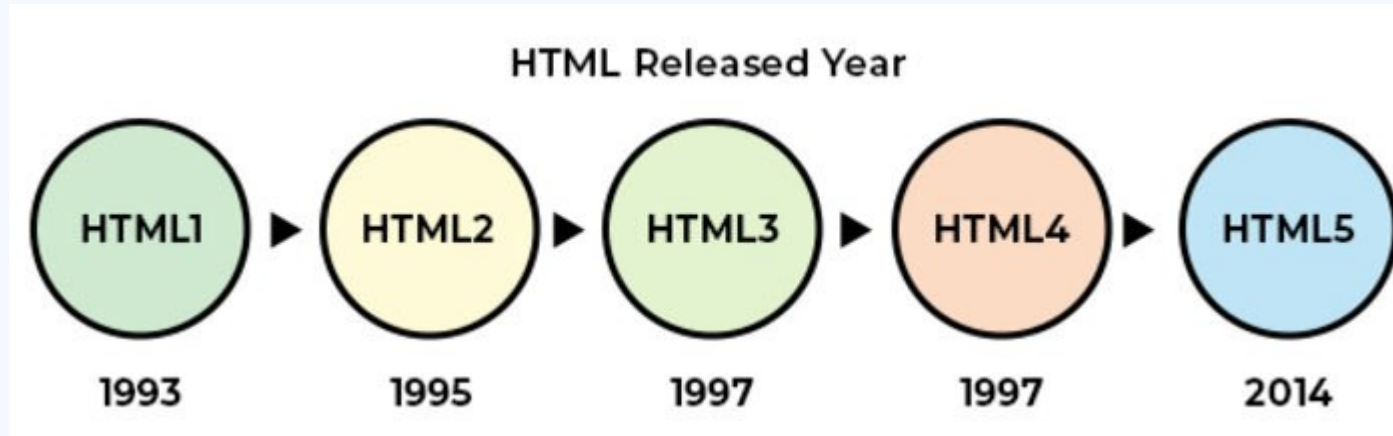
HTML is a Standard Markup language for web pages.

HTML stands for HyperText Markup Language and is used to create content and structure of any web page.

If you think of the human body as a web page then HTML is the skeleton of the body.

It is the building block of web pages.

HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995.



How to develop an HTML program?

- **HTML** programs are developed by writing HTML instructions known as Tags
- A Tag is an HTML instruction that the web browser can understand that instruction and displays the information supplied by the tag
- Every HTML tag can be written two angle brackets "<" and ">"
Ex: <body>
- Every HTML tag will have one opening tag and one closing tag
Ex: <body>-----</body>
- HTML tags also supplies additional information to the browser using attributes. Attributes are the keywords of HTML associated with tags.
Ex: <body backgroundcolor="red">

Example Program

```
<html>
```

```
  <head>
```

```
    <title> First Program </title>
```

```
  </head>
```

```
  <body>
```

```
    <h1> Welcome to HTML </h1>
```

```
  </body>
```

```
</html>
```



HTML Document Structure

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```




```
<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" />
```

```
<meta name="author" content="RAJU KERLA" />
```

```
<meta name="description " content="A better place to learn computer science" />
```

```
<title>Workshop on Website Desiging</title>
```

```
</head>
```



```
<body>
```

```
<!-- Main content of website -->
```

```
<h1> Sample HTML body content </h1>
```

```
</body>
```



Where to write HTML program and how to execute?

- HTML Programs can be written using any basic text editor like notepad, notepad++ etc...
- HTML programs can be stored anywhere in your local machine
- HTML programs can be executed using web browsers

Steps:

1. Open notepad
2. Write your HTML programs
3. Save your program with some name but use the file extension as html ex: first_program.html
4. Close the notepad
5. Go to the location where you have stored your program
6. Right click on the program
7. Click on Open with menu item
8. Click on the browser name with which browser you want to open the HTML program

First HTML Program

```
<!DOCTYPE html>
<html>
  <head>
    <title> My First HTML program</title>
  </head>
  <body>
    <h1> RAJU K</h1>
    <h3>Full stack developer</h3>
    <h3>Rapid Technologies </h3>
    <h3> Hyderabad </h3>
    My first html program
  </body>
</html>
```



HTML Tags

According to Mozilla there are total 142 HTML Tags(115 are functional and 27 are depreciated)

Different types of HTML Tags are as follows

1. Text
2. Images
3. Audio/Video
4. Tables
5. Forms

HTML Tags

SN O	Cateogry	Tags
01	Text	<code></code> - Bold text <code></code> - Important text <code><i></code> - Italic text <code><small></code> - Smaller text <code><sub></code> - Subscript text <code><sup></code> - Superscript text <code></code> - Font tag
02	Images	<code></code>
03	Audio/Video	<code><audio></code> / <code><video></code> / <code><embed></code> / <code><object></code>
04	Tables	<code><table></code>
05	Form	Webforms 2.0 elements

Student Registration Form

Fill in this form to register

First Name

Last Name

E-mail

Date of Birth 

Set Username

Set Password

Gender

- ☐ Male
☐ Female
☐ Others

Course : 



Thanks !

Do you have any questions?

kerlaraju@rapidtechnologies.co.in

+91 7989621475

<https://rapidtechnologies.co.in>



