**Django**

* A python framework for development of web application
* MVT (Model View Template) architecture

**Front End Technologies**

* HTML
* CSS, Bootstrap
* JavaScript, JQuery

**Front End Technologies**

* Python

**Database**

* Sqlite
* MySQL

**Django Project Setup**

* pip install django
* django-admin startproject project\_name .
* python manage.py runserver

**HTML (Hyper Text Markup Language)**

* used to create web pages
* It defines contents of web pages, heading, paragraph, list, image table etc.
* HTML is all about tags and their attributes

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>  <title>Welcome</title>  <meta charset="UTF-8" />  </head>    <body>  <h1 align="center">HTML</h1>  </body>  </html> |

|  |  |
| --- | --- |
| Heading Tag | <h1>Text</h1> <h6>Text</h6> |
| Paragraph Tag | <p>Text</p> |
| Lists   1. Unordered List 2. Ordered List 3. Definition List | <ul><li>Item 1</li>><li>Item 2</li></ul>  <ol><li>Item 1</li>><li>Item 2</li></ol>  <dl><dt>Title</dt>><dd>Details</dd></dl> |
| Formatting Tags | b, u, i, sup, sub, pre, em, strike, del, strong |
| Character Entities | &npsp; &copy; &reg; |
| Table | <table><tr><td></td></tr></table> |
| Image Audio Video |  |
| iframe |  |

**CSS (Cascading Style Sheet)**

1. Inline CSS: style as attribute
2. Embedded CSS: style as tag
3. External CSS: style as file