**CHAPTER 1**

**INTRODUCTION**

**1. HTML**  
HTML (Hypertext Markup Language) is a markup language for creating web documents (web pages). The main function of a browser is to receive the web page as HTML from the web server and display it. The browser applies all fonts, styles, and layouts specified by the HTML tags and CSS property values. This content can be further manipulated by using JavaScript, the programming language of the browser  
  
**2.CSS**   
Cascading Style Sheets (CSS) allow to specify the visual style and presentation of a web application. CSS allows to separate the style from the structure. This technique lessens the code from the pages. The separation of style from structure and content also increases maintainability. Cascading Style Sheets are a set of programmable rules to define how web pages display content.  
  
**3.Javascript**  
JavaScript is the language of the browser. It is an object-oriented programming language. Although JavaScript looks much like Java because both were based on C and C++, it is not at all related. JavaScript is often used to programmatically interact with an HTML page. It does this by interacting with the DOM (Document Object Model). JavaScript is supported by all major browsers). Because many developers find JavaScript challenging to work with, various libraries have been developed over the years to simplify the routine tasks of working with JavaScript. And jQuery is one of the popular and most used 7 libraries that works across all browsers, support JavaScript and makes working with JavaScript much more consistent. jQuery is used extensively in Bootstrap

**4.Bootstrap**  
Bootstrap is a library or framework for developing responsive web applications or that automatically adapts web pages in different devices. Without responsive design, all the development would have to be done manually. It allows to quickly develop an application interface without spending lots of time learning and writing HTML, CSS, or JavaScript codes. Bootstrap requires jQuery to function, and it contains design templates for typography, forms, buttons, navigation, and other interface components

**5.PHP**  
The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web-based software applications. This tutorial helps you to build your base with PHP.