**Course Name: Python Programming with Django**

**Name: Bipul Dutta**

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**\*\* Ques 01: What is Bootstrap and Why use it?**

**Bootstrap:**

Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. Bootstrap is completely free to download and use!

Bootstrap is powerful, extensible, and feature-packed frontend toolkit. Build and customize with Sass, utilize prebuilt grid system and components, and bring projects to life with powerful JavaScript plugins.

**Why use it:**

There are lot of reason to use bootstrap. Here I mention some of them:

**1) Easy and Simple** – It is very easy and simple to use in web designing. If you have basic knowledge of HTML and CSS then you should go ahead with it.

2) **Responsive Design** – With Bootstrap you don’t need to apply media queries in your CSS file. It does the adjustment of web page dynamically on all screen sizes.

3) **Saves you time** – Quickly create features using predefined classes and design templates that are provided by bootstrap.

4) **Compatible with all browsers** – You don’t have to worry about any browser as it is compatible with latest versions of all browsers – Google Chrome, Firefox, Opera, Safari and Edge.

5) **Consistency** – It gives you the consistency between your projects and other developers.

6) **Free and Open Source** – There is no restriction at all. Bootstrap is available on GitHub where developers can contribute their efforts.

**\*\* Ques 02: What is HTML and CSS?**

**\*HTML:**

HTML, or **HyperText Markup Language**,allows web users to create and structure sections, paragraphs, and links using elements, tags, and attributes. However, it’s worth noting that HTML is not considered a programming language as it can’t create dynamic functionality.

Easy Learning with HTML

Example:

<!DOCTYPE html>  
<html>  
<head>  
<title>Page Title</title>  
</head>  
<body>  
  
<h1>This is a Heading</h1>  
<p>This is a paragraph.</p>  
  
</body>  
</html>

**\*CSS:**

CSS (Cascading Style Sheets) allows you to create great-looking web pages, but how does it work under the hood? This article explains what CSS is with a simple syntax example and also covers some key terms about the language.

CSS is the language we use to style an HTML document. CSS describes how HTML elements should be displayed. This tutorial will teach you CSS from basic to advanced.

### CSS Example

body {  
  background-color: lightblue;  
}  
  
h1 {  
  color: white;  
  text-align: center;  
}  
  
p {  
  font-family: verdana;  
  font-size: 20px;  
}