

# Introduction to Bootstrap-2

## Pre-read



# Things I need to know before this session

## 1. What is a Responsive Website?

A website is called a responsive website, which can automatically adjust itself to look good on all devices, from smartphones to desktops. Responsive design allows a website or application to sense the size and orientation of a visitor's screen and automatically adjust the screen accordingly. The mobile-first approach assumes that smartphones, tablets, and task-specific mobile apps are the primary tools for employees to get work done and meet customer requirements.

Bootstrap includes UI components, JS layouts, and implementation frameworks and tools.



## 2. What is Media Query?

To generate sensible breakpoints for our layouts and interfaces, we employ a few media queries to serve various styles sheets to different devices. These breakpoints are largely based on viewport minimum widths and allow us to scale up elements as the viewport changes.

For our layout, grid system, and components, Bootstrap largely leverages the following media query ranges—or breakpoints—in our source Sass files.

## 3. What is Box Modal?

Use Bootstrap's JavaScript modal plugin to add dialogs to your site for lightboxes, user notifications, or completely custom content. A modal is a child window above the parent window. Usually, the purpose is to display content from another source that allows some interaction without leaving the parent window. Child windows can provide information, interactions, and more.

## 4. What are Key-frames tags/Animations?

@keyframes is an acronym for "keyframes" in HTML. By specifying styles for keyframes (or waypoints) along the animation sequence, CSS at-rule regulates the intermediate phases in a CSS animation sequence. This allows you greater control over the animation sequence's intermediate steps than transitions.

# What will be taught in the coming session?

- What is a Responsive Website?
- Box modal
- Media queries
- Grid Options
- Key-frame tags/Animation



**We will be creating the Parallax Website and Hamburger Menu with Bootstrap.**

### **Setting up the Bootstrap.**

Setting Bootstrap is a very easy process, we just need to paste the following links inside the head tag and at the bottom of the body tag of the Html Document respectively

### **Paste this inside the head tag before all other stylesheets to load.**

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/
bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6j
IW3" crossorigin="anonymous">
```

**Many of the bootstrap components require the use of JavaScript to function, So paste this <script> tag inside the body tag but at the very bottom.**

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/
bootstrap.bundle.min.js" integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
```