

Module 7) Frameworks

Bootstrap 5 and Advance

Answer 1: Advantages of Bootstrap

Bootstrap is a popular CSS framework that helps in designing **responsive** and **mobile-friendly** websites quickly. Some advantages are:

- **Easy to Use:** Pre-designed components save development time.
- **Responsive Design:** Automatically adjusts layout for different screen sizes.
- **Browser Compatibility:** Works on all modern browsers.
- **Customizable:** Allows modification of styles using CSS or Bootstrap classes.

Answer 2: Bootstrap Container

A **Bootstrap container** is a layout element that wraps website content and provides **proper spacing and alignment**. It helps in **creating responsive designs**.

There are **two types** of containers:

1. **.container** - Fixed-width container (adjusts at different breakpoints).
2. **.container-fluid** - Full-width container (takes up the entire screen).

Example:

```
<div class="container">  
  <h2>Bootstrap Container Example</h2>  
  <p>This content is inside a fixed-width container.</p>  
</div>
```

```
<div class="container-fluid">  
  <h2>Fluid Container</h2>  
  <p>This content stretches across the full width.</p>  
</div>
```

This ensures the layout remains **structured and responsive**.