**Module (Bootstrap Basic & Advanced) – 6**

**1. What are the advantages of Bootstrap?**

**Advantages of Bootstrap:**

1. **Responsive Design:** Ensures compatibility with various devices.
2. **Consistency:** Maintains a standardized look across browsers.
3. **Time-Saving:** Comes with pre-designed components and templates.
4. **Ease of Use:** Beginner-friendly with clear documentation.
5. **Customizability:** Allows easy customization while providing a solid foundation.

**2. What is a Bootstrap Container, and how does it work?**

**Bootstrap Container:**

* **Definition:** A wrapper for webpage content.
* **Function:** Centers and aligns content, adapting to different screen sizes.
* **Types:** **.container** (fixed-width) and **.container-fluid** (full-width).

**3.** **What are the default Bootstrap text settings?**

**Default Bootstrap Text Settings:**

* **.text-muted: Muted (dimmed) text.**
* **.text-primary, .text-secondary, etc.: Text color variations.**
* **.text-bold: Bold text.**
* **.text-italic: Italic text.**

**4.** **What do you know about the Bootstrap Grid System?**

**Bootstrap Grid System:**

* **Purpose:** Responsive layout creation.
* **Columns:** Divides the page into 12 columns.
* **Classes:** e.g., **.col-md-6** (6 columns on medium screens).
* **Flexibility:** Adapts to different screen sizes.

**5. What is the difference between Bootstrap 4 and Bootstrap 5?**

**Bootstrap 4 vs. Bootstrap 5:**

* Bootstrap 5 is newer.
* Bootstrap 5 dropped IE support.
* Bootstrap 5 is more modular and slightly smaller.
* Includes new components while removing others.

**6. What is a Button Group, and what is the class for a basic Button Group?**

**Button Group:**

* **Definition:** Groups buttons together.
* **Class:** **.btn-group**.

**7. How can you use Bootstrap to make thumbnails?**

**Using Bootstrap for Thumbnails:**

* Add the **.img-thumbnail** class to an **<img>** element.

**8. In Bootstrap 4, what is flexbox?**

**Bootstrap 4 Flexbox:**

* **Flexibility:** Flexible box model for layouts.
* **Efficiency:** Efficient space distribution and item alignment.

**9. How can one create an alert in Bootstrap?**

**Creating an Alert in Bootstrap:**

* Use the **.alert** class.

<div class="alert alert-success" role="alert">

This is a success alert!

</div>