**Bootstrap Assignment**

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

**Ans.** Bootstrap anables designers and developer to build completely responsive website quickly. It can be considered the most popular CSS framework for developing responsive and mobile first application.

**Q.2 What is a bootstrap container and how does it work?**

**Ans.** Container are the mist basic layout element in bootstrap and they are required when using default grid system container are used to contain , pad , and center the content whitin them while containers can be nested most layout do not require a nested container.

**Q.3 What are the default bootstrap text setting ?**

**Ans.** Bootstrap 5 uses a default font size of 1 rem (16 px) and its line-height is 1.5 , and all <p> elements have margin-top: 0 and margin-bottom: 1rem.

**Q.4 What do you know about the bootstrap grid system ?**

**Ans.** Bootstrap grid system uses a containers rows and colunms to layout and align all content it’s built with flexbox and fully responsive.

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

**Ans.**

|  |  |
| --- | --- |
| **Bootstrap 4** | **Bootstrap 5** |
| Bootstrap 4 is old version. | Bootstrap 5 is new and updated version. |
| Bootstrap 4 has 5 levels :  Xs, sm, md, lg and xl | Bootstrap 5 have 6 levels :  xs ,sm , md , lg , xl , and xxl |
| Bootstrap 4 includes all jquery and associated all plugins | In Bootstrap 5 jQuery has ben deleted and change with vanilla js. |

**Q.6 What is the Button group and what is the class for a basic Button group?**

**Ans.** Button groups in Bootstrap is a class name “btn-group” which is used to create a series of buttons in groups without spaces vertically or horizontally.

And the basic class for button group is ---- > **btn-group**

**Q.8 In Bootstrap 4 what is Flexbox ?**

**Ans.** Flexbox the biggest differences between Bootstrap 3 and 4 the bootstrap 4 is uses now flexbox instead of floats to handle the layout the flexible box layout module makes it easier to design flexible responsive layout structure without using float or positioning

**Q.9 How can one crate an alert in Bootstrap ?**

**Ans.** Alerts are created with the class .alert there are one of the fout contentxtual classes .alert-success, .alert-info, .alert-warning, and .alert-danger

Bootstrap provides easy way to create alert messages:

* **Success!** This alert box indicates a successful or positive action.
* **Info!** This alert box indicates a neutral informative change or action.
* **Warning!** This alert box indicates a warning that might need attention.
* **Danger!** This alert box indicates a dangerous or potentially negative action.