**BOOTSTRAP ASSIGNMENT**

***Q-1. What are the advantage of Bootstrap?***

***Ans.*** *Easy to prevent repetitions among multiple projects. Responsive design that can be used to adapt screen sizes and choose what shows and what doesn’t on any given device. Maintaining consistency among projects when using multiple developer teams. Quick design of prototypes.*

***Q-2. What is Bootstrap Container, and how does its work?***

***Ans. Bootstrap Containers****are the most basic layout element in Bootstrap. Bootstrap****Containers****are very essential and basic building blocks of bootstrap that wrap a page’s content. It’s responsible for setting and aligning content within it according to viewport or given device. Containers are defined within the container class****(.container)****. In other words, we can say that containers are established the width for the layout to give the content. Elements and content are added within the container.*

*Syntax:*

*<div class=”container”>*

*<!—Content here 🡪*

*</div>*

***Q-3. What are the default Bootstrap text setting?***

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

***Q-4. What do you know about the Bootstrap Grid system?***

***Ans.*** *Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Below is an example and an in-depth look at how the grid comes together*

***Q-5. What is the difference between Bootstrap4 and Bootstrap5?***

***Ans.*** *Bootstrap 5 has six levels: xs, sm, md, lg, xl, and xxl. Bootstrap 4 includes jquery and all associated plug-ins. Jquery has been deleted and replaced with vanilla JS and several functional plug-ins in Bootstrap 5. Bootstrap 4 provides a few colors for a web page.*

***Q-6. Group a series of buttons together on a single line or stack them in a vertical column.***

***Ans.*** *Group a series of buttons together on a single line or stack them in a vertical column.*

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

***Ans.***

*1. Add an <a> tag with the class of . thumbnail around an image.*

*2. This adds four pixels of padding and a gray border.*

*3. On hover, an animated glow outlines the image*

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

***Ans.*** *Flexbox. The biggest difference between Bootstrap 3 and Bootstrap 4 is that Bootstrap 4 now uses 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 create an alert in Bootstrap?***

***Ans.***

***Step 1:****Include Bootstrap and jQuery CDN into the <head> tag before all other stylesheets to load our CSS.*

*Step 2: Add the .alert and the warning alert contextual classes.*

***Q-10. What is a bootstrap card and how would you create one?***

***Ans****.**To create Bootstrap cards, you need to understand the card class and its customizations and layouts. A basic Bootstrap card consists of a . card class with the . card-body class, allowing you to add text, images, links, and other Bootstrap elements within a rounded border.*