**ASSIGNMENT-1**

**MODULE\_8 : bootstrap basic & advanced**

**Q.1 What Are The Advantage Of bootstrap ?**

**ANS:-** main advantage of using bootstrap is to write less css. Bootstrap provides ready made structure for website so it helps in creating website we have to write less css by using bootstrap.

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

**ANS:-**  containers are the most basic layout element in bootstrap and are required when using our default grid system.s

**Q.3 what are the default bootstrap text settings ?**

**ANS:-**  containers are the most basic layout element in bootstrap and are required when using our default grid system.

**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.

**Q.5 what is the difference between bootstrap 4 and bootstrap 5?**

**ANS:-**  the form elements in bootstrap 4 have defaulted to the browser-provided view. However in bootstrap 5 the form elements have a custom design that enables htem to have a consistent look and feel in all browsers. The new form controls are based on completely semantic standerd from controls .

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

**ANS:-** button groups in bootstrap is a class of name btn-group which is used to create a series of buttons in group (without spaces) vertically or horizontally.

**Q.7 how can you use bootstrap to make thumbnails ?**

**ANS:-**

Step 1: The first step is to include the Bootstrap and jQuery CDN into the head tag before having CSS's stylesheets.

Step 2: We need to create a div tag in our HTML body. We will create three div sections for each image in this div tag.

Step 3: We can add various col properties for making our page responsive, like col-sm-6 or col-md-3.

Step 4: You need to create an anchor tag <a>, with a class name - .thumbnail wrapped around an image tag.

 <!DOCTYPE html>

<html>

<head>

<title>Coding ninjas example</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<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>

</head>

<body>

<div class = "row">

<div class = "col-sm-6 col-md-3">

<a href = "#" class = "img-thumbnail">

<img src = "./cn.png" alt = "thumbnail">

</a>

</div>

<div class = "col-sm-6 col-md-3">

<a href = "#" class = "img-thumbnail">

<img src = "./cn.png" alt = "thumbnail">

</a>

</div>

<div class = "col-sm-6 col-md-3">

<a href = "#" class = "img-thumbnail">

<img src = "./cn.png" alt = "Generic placeholder thumbnail">

</a>

</div>

</div>

</body>

</html>

**Q.8 in bootstrap4 what is flexbox ?**

**ANS:-**  flexbox The biggest different 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 positioning.

**Q.9 how can creat an alert in bootstrap ?**

**ANS:-**  <!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>Alerts</h2>

<div class="alert alert-success">

<strong>Success!</strong> This alert box could indicate a successful or positive action.

</div>

<div class="alert alert-info">

<strong>Info!</strong> This alert box could indicate a neutral informative change or action.

</div>

<div class="alert alert-warning">

<strong>Warning!</strong> This alert box could indicate a warning that might need attention.

</div>

<div class="alert alert-danger">

<strong>Danger!</strong> This alert box could indicate a dangerous or potentially negative action.

</div>

</div>

</body>

</html>

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

**ANS:-** bootstrap card provides you readymade structure with small rounded border it is used for create small and medium section in easy way.