

(CHAPTER-4)

M2: CSS FRAMEWORK

Q. 1. (a) What is W3.CSS?

Answer:-W3.CSS stands for Cascading Style Sheet. It is developed by w3schools.com. It is used to create faster, beautiful and responsive websites.

Q. 1. (b) What are the features of W3.CSS?

Answer

The features of W3.CSS are as follows:

- a. It is in-built responsive web designing.
- b. It provides standard CSS.
- c. It is free to use.
- d. It is inspired by Google Material Design.

Q.1. (c) What are the techniques to use W3.CSS?

Answer: - There are two techniques to use W3.CSS

Local installation: You can download the W3.CSS file on our local machine and include it in to html.

CDN based: You can include the W3.CSS file into our html code directly from the CDN.

Q.2. (a) What are the classes of W3.CSS container?

Answers:-

- W3-container
- W3-red
- W3-border
- W3-teal

Q.2. (b) How can you use subclasses in W3.CSS?

Answers:-

```
<div class="w3-row">
```

```
<div class="w3-col s2 m4 l3">
```

```
<p> the text use 2 columns on small screen, 4 on a medium screen and 3 on a large screen</p>
```

```
</div>
```

```
</div>
```

Q.2. (c) What are the classes of W3.CSS card?

Answer: The various classes of w3.card:

- W3-card
- W3-card-2
- W3-card4
- W3-card-8
- W3-card-12

Q.3.(a) How to include the external font styles and give the external fonts in the head section.

Answer:-

```
<!DOCTYPE html>
<html>
<head>
<title>W3.CSS</title>
<meta name="viewport" content="width=, initial-scale=1">
<link rel="stylesheet" type="text/css" href="w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/
      Css?family=Tangerine">
      <style>
        .w3-tangerine {
          Font-family: "Tangerine", serif;
        }
      </style>
<body>
  <div class="w3-container w3-tangerine">
    <p class="w3-xxlarge">HELLO!</p>
    <p class="w3-xxlarge">HELLO!</p>
    <p class="w3-jumbo">HELLO!</p>
  </div>
</body>
</html>
```

Q.3. (b). Write a program by using w3.css class i.e. w3-text-shadow to make the text shadow By using all colors to designed.

Answer:-

```
<!DOCTYPE html>
<html>
<head>
<title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" type="text/css" href="w3.css">
<body>
  <div class="w3-container">
    <h2 class="w3-text-shadow">TEXT SHADOW!</h2>
  </div>
  <div class="w3-container w3-light-grey">
    <h2 class="w3-text-shadow">TEXT SHADOW!</h2>
```

```
</div>
<div class="w3-container w3-blue">
  <h2 class="w3-text-shadow">TEXT SHADOW!</h2>
</div>
<div class="w3-container w3-lime">
  <h2 class="w3-text-shadow">TEXT SHADOW!</h2>
</div>
</body>
</html>
```

Q.4. (a) Create Photo card by using the w3-container card classes.

Answer:-

```
<!DOCTYPE html>
<html>
<head>
<title>W3.CSS</title>
<meta name="viewport" Content="width=device-width, initial-scale=1">
<link rel="stylesheet" type="text/css" href="w3.css">
<body>
  <div class="w3-container">
    <h2>Photo card</h2>
    <div class="w3-card-12"
      style="width:50%">
      
      <div class="w3-container w3-center">
        <p>.</p>
      </div>
    </div>
  </div>
</body>
</html>
```

Q.4. (b) Write a program contains header and paragraphs container.

Answer:-

```
<!DOCTYPE html>
<html>
<head>
<title>W3.CSS</title>
<meta name="viewport"
```

```
Content="width=device-width, initial-scale=1">
<link                rel="stylesheet"
Type="text/css" href="w3.css">
  <body>
    <div class="w3-container" style="background-color: #0070C0; color: white; padding: 10px; text-align: center;">
      <h1>Heading Section</h1>
      <p>This
Paragraph</p1>
      <p>Simple programming
Tutorials</p>
    </div>
  </body>
</html>
```

Q.5 (a) What are the various table classes in W3.CSS?

Answer:-

There are different table classes in W3.CSS:

- a. w3-table: It represents a basic table without any border.
- b. w3-striped: It is used to display a striped table.
- c. w3-bordered: It is used to draw a table with a border across rows.
- d. w3-card: It is used to draw a table as a card.

Q.5 (b) What are the uses of W3.CSS image classes?

Answer:-

- a. w3-image: It is used to represent a basic style image without any border.
- b. w3-circle: It is used to create circle image.
- c. w3-title: It is used to display the text over an image
- d. w3-card: It is used to create an image as a card.

Q.5 (c) What is the difference between W3.CSS and CSS?

Answer:-

CSS: It is cascading style sheet used for style the web pages, with help of css, you can style the web pages, websites etc. CSS is a modern framework with built in responsiveness.

W3.CSS: It is CSS framework, build for responsive design, like bootstrap, that means you create Responsive websites with help of W3.CSS . It is very easy to learn and quite fast for mobile application. It has in-built mobile responsive feature which helps you to make mobile responsive.