

Assignment - 1

① Webpage - for bike Showroom :

index.html :

```
<!DOCTYPE html>
<html>
<head>
    <title> Bike Showroom </title>
</head>
<frameset rows="15%, 85%">
    <frame src="header.html" name="header frame"
        noresize scrolling="no">
    <frameset cols="20%, 80%">
        <frame src="brands.html" name="brands"
            noresize frameborder="1">
        <frame src="models.html" name="models
            frame">
    </frameset>
</frame>
</frameset>
</html>
```

header.html:

```
<!DOCTYPE html>
<html>
<head>
    <title> Bike Showroom </title>
    <style>
        body {
            background-color: blue;
            color: white;
            text-align: center;
            font-family: Arial;
        }
    </style>
```

```
<head>
</head>
<body>
<h1>welcome to Reva Showroom </h1>
</body>
</html>

brand.html:
<!DOCTYPE html>
<html>
<head>
    <title> Bike Brands </title>
    <style>
        body{
            font family : Arial;
            background colour : green;
            colour: white;
        }
        a{
            colour : pink;
            text decoration : none;
            display : block;
        }
    </style>
</head>
<body>
    <h2> Bike Brands </h2>
    <a href = "honda.html" target = "modelframe">
        Honda </a>
    <a href = "yamaha.html" target = "modelframe">
        Yamaha </a>
    </body>
</html>
```

```
models.html  
<!DOCTYPE html>  
<html>  
<head>  
<title> Bike Models </title>  
<style>  
body {  
    background-color: pink;  
    font-family: Arial;  
}  
</style>  
</head>  
<body>  
<h2>welcome to the Bike Showroom </h2>  
<p> please select a brand to view the available  
models and specifications </p>  
</body>  
</html>
```

Output:

Welcome to Reva Showroom	
Bike Brand	Welcome to the Bike Showroom
<u>Honda</u>	Please Select a brand to View the available brands and their models and Specification.
<u>Yamaha</u>	

② Job application form - for Company's corner page

```
<!DOCTYPE html>
<html>
<head>
    <title> job application </title>
    <style>
        body {
            font-family: Arial;
            background-color: white;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
        }
        form {
            background: white;
            padding: 20px;
            border-radius: 8px;
            width: 100%;
        }
        .for Containee h2 {
            text-align: center;
            color: black;
        }
        .form group {
            margin-bottom: 15px;
        }
        .form group label {
            display: block;
            margin-bottom: 5px;
            color: black;
        }
        .form group input [type="radio"] {
            margin-right: 10px;
        }
    </style>

```

· form-group {

width: 100%;

padding: 10px;

border: 1px solid white;

border-radius: 5px;

}

· form-buttons {

display: flex;

justify-content: center;

g

· form-buttons button [type = "submit"] {

background-color: green;

color: white;

g

· form-buttons button [type = "reset", "button"] {

background-color: white;

color: black;

}

</style>

</head>

<body>

<div class = "form-container">

<h2> Job Application Form </h2>

<form action = "/submit.application" method = "post">

<div class = "form-group">

<label for = "name"> Full Name </label>

<input type = "text" id = "name" required>

</div>

<div class = "form-group">

<label for = "degree"> Highest Degree </label>

<select id = "Degree" name = "degree" required>

<option value = ""> Select Your Degree </option>

```
<option value="Masters Degree"> Masters Degree  
</option>  
</select>  
</div>  
<div class="form-group">  
<label>Gender </label>  
<label><input type="radio" name="gender">  
</label>  
</div>  
<div>  
<div class="form-buttons">  
<button type="submit">Submit </button>  
<button type="reset"> Cancel </button>  
</div>  
</form>  
</div>  
<body>  
</html>
```

Job Application Form

Full Name

Highest Degree

Gender

- male
 female

Submit

Cancel

① Overview of LAMP & WAMP stacks

LAMP Stack (Linux, Apache, MySQL/MariaDB, PHP)

• Linux : The operating system that provides the foundation for the stack.

• Apache : The web server that handles requests and serves web content.

• MySQL / MariaDB : The database management system for storing and managing data.

• PHP / Perl / Python : Server-side language for generating dynamic content.

WAMP Stack (Windows, Apache, MySQL/MariaDB,

Windows : PHP / Perl / Python) :

The operating system for the stack

Apache : Same role as in LAMP. Serving web content

Installation Steps:

LAMP Stack on Linux (ex: Ubuntu):

1. Update System Package

2. Install Apache

3. Install MySQL

4. Secure installation

5. Install PHP

6. Restart Apache

7. Test PHP

WAMP Stack on Windows:

1. Download WAMP : WAMP Server

2. Run the Installer : Follow Installation steps, and install in the default directory

3. Test Apache : Start WAMP Server
Open "http://11 local host" in web browser
4. Test PHP : Create test.php in the file
5. Visit "http://11 local host/test.php"
6. Manage MySQL : use php Admin at "http://11 local host"

Apache's Role of the Stack :

- Core Web Server : Handles incoming HTTPS requests
- PHP integration : use modules to process PHP Scripts.
- Database Interaction : Works with PHP Script that query MySQL, allowing Seamless data Storage
- Configuration : Apache configuration files control Server behaviour and integration with other Services.

Component functions :

- * Operating System (Linux /Windows)
- * Apache Web Server
- * MySQL / Maria DB
- * PHP / Perl / Python

Conclusion :

Choosing b/w LAMP & WAMP depends on the team's OS preferences - Both Stack offer robust web development environments.