**Practical: 1**

Aim: Define Web terminologies. Make environment setup for PHP applications.

Basic Web terminologies:

1. Web client

* The software application which displays web pages with the help of response and access the web server by using request.

1. Web server

* The computer or network of computers which stores web pages.

1. URL

* A web address; indicates the location of a web resource as well as the protocol needed to access it.

1. Protocols

* A set of rules or procedures for transmitting data between electronic devices, such as computers.
* Protocols:- HTTP/HTTPS, FTP, TCP/IP, SMTP
* HTTP:- HTTP is used for making a connection between the web client and web server.
* FTP:- File transfer protocol is basically used for transferring files to different networks.
* SMTP:- Simple mail transfer protocol manages the transmission and outgoing mail over the internet.

1. Web page

* A Web page is a document for the World Wide Web that is identified by a unique uniform resource locator (URL).
* HTML is used to write web pages.
* CSS is used to design web pages in other word CSS is used for defining the styles for web pages.

1. Server-side scripting language

* Used to dynamically display different data when needed.
* Dynamically means that it provides data to the user as per request.
* The user can’t see this language code in the browser because it runs on the server and generates the response in the form of HTML and CSS.

1. Website

* In simple word collection of web pages.

1. Database

* It allows us to create dynamic web sites and also stores user data on the server.
* By using a database, clients can access their data at anytime, anywhere.

1. Request

* It is nothing more than a message that can be sent to a server in order to access a webpage or other server services.

1. Response

* It means the server will send some data as per the user's request.

1. ISP

* An ISP (internet service provider) is a company that provides individuals and organizations access to the internet and other related services.

1. Browser

* A web browser is application software for accessing websites.

1. Internet

* The Internet is needed to communicate with the server because all web pages is available at server side.

1. Intranet

* An intranet is a private network contained within an enterprise that is used to securely share company information and computing resources among employees.

1. WWW

* World Wide Web, which is also known as a Web, is a collection of websites or web pages stored in web servers and connected to local computers through the internet.

**Simple Code: index.php**

<?php

    $student\_name = "Dhavanik";

    $student\_enrollment = 21012022022;

    $student\_institute = "U.V. Patel Collage of Engineering";

    $student\_university ="GUNI";

    $student\_course = "B.Tech IT";

    $student\_semester = "VI";

    $student\_class = "C";

    $student\_batchlab = "AB11";

?>

<html>

    <head>

        <link rel="stylesheet" href="style.css">

    </head>

    <body>

        <table>

            <tr>

                <th colspan="2">Student Info</th>

            <tr>

            <tr>

                <td>Name:</td>

                <td><?php echo $student\_name; ?></td>

            </tr>

            <tr>

                <td>Enrollment:</td>

                <td><?php echo $student\_enrollment; ?></td>

            </tr>

            <tr>

                <td>Institute:</td>

                <td><?php echo $student\_institute; ?></td>

            </tr>

            <tr>

                <td>University:</td>

                <td><?php echo $student\_university; ?></td>

            </tr>

            <tr>

                <td>Course:</td>

                <td><?php echo $student\_course; ?></td>

            </tr>

            <tr>

                <td>Semester:</td>

                <td><?php echo $student\_semester; ?></td>

            </tr>

            <tr>

                <td>Class:</td>

                <td><?php echo $student\_class; ?></td>

            </tr>

            <tr>

                <td>Batch/LAB:</td>

                <td><?php echo $student\_batchlab; ?></td>

            </tr>

        </table>

    </body>

</html>

**style.css**

table{

    background-color: antiquewhite;

}

tr{

    background-color: burlywood;

}

**Output:**

