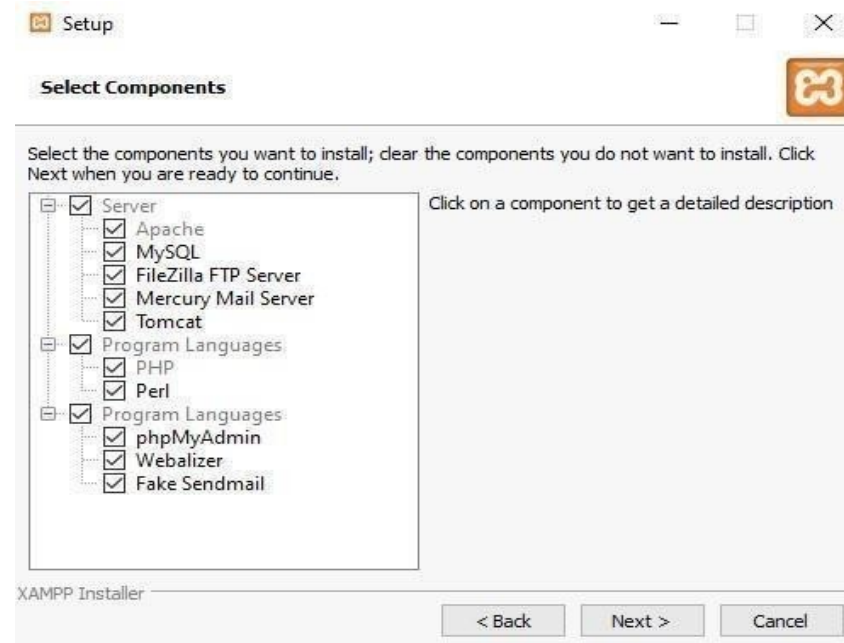# Practical-1

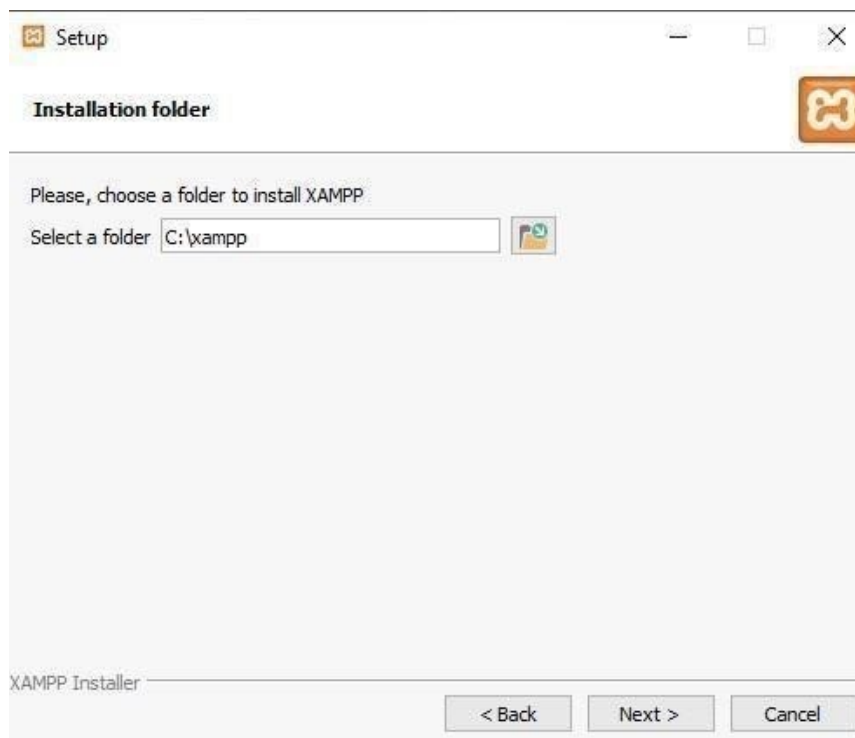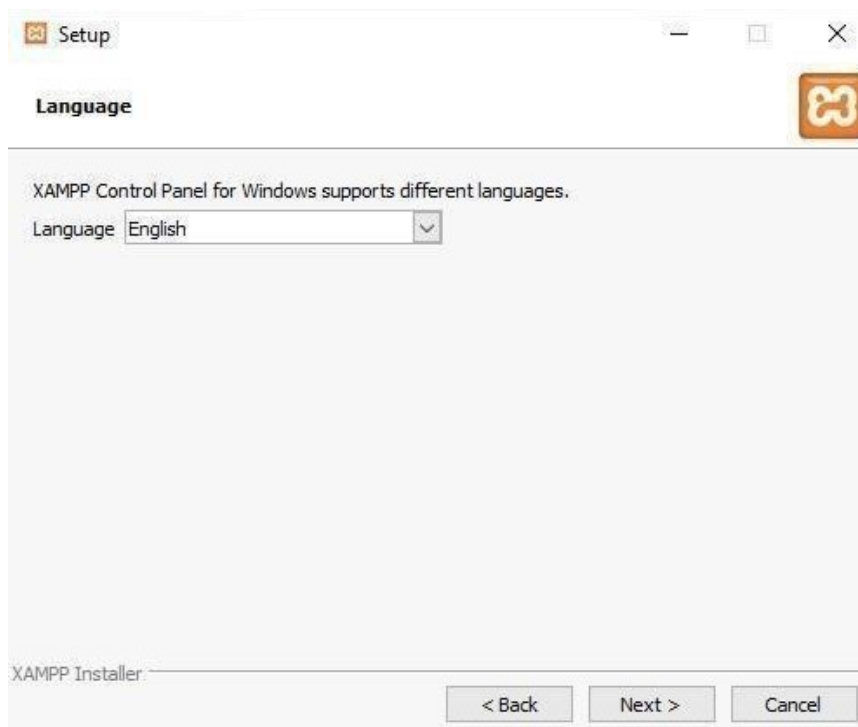## AIM: Introduction to web server installation and configuration.
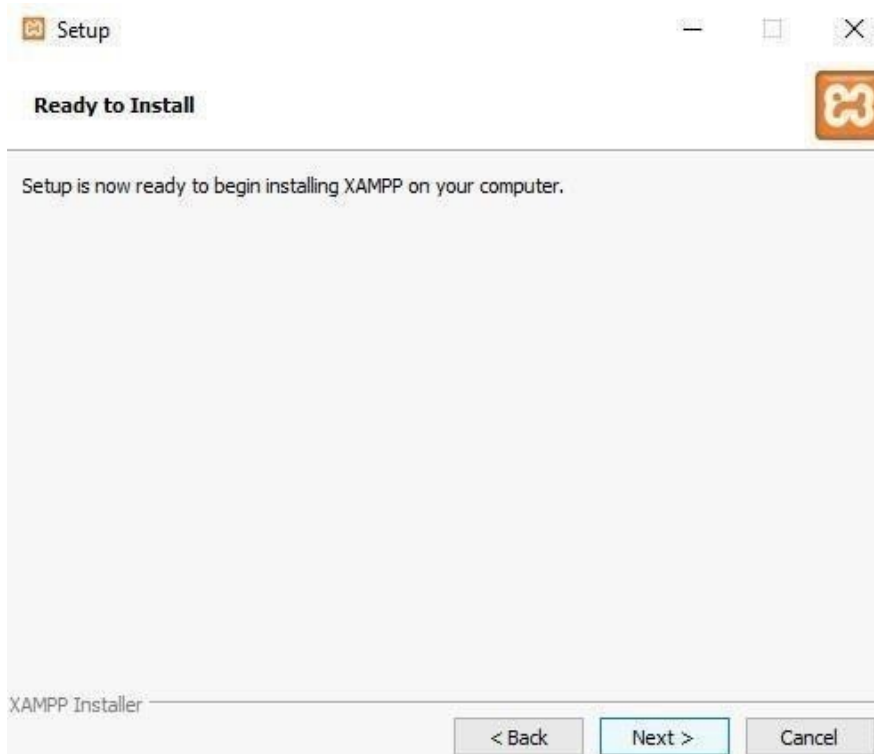
What is web server?

A web server is a computer that runs websites. The basic objective of the web server is to store, process and deliver web pages to the users. This intercommunication is done using Hypertext Transfer Protocol (HTTP). The browser might then make further requests based on the HTML content — like CSS, JavaScript, and graphic files.
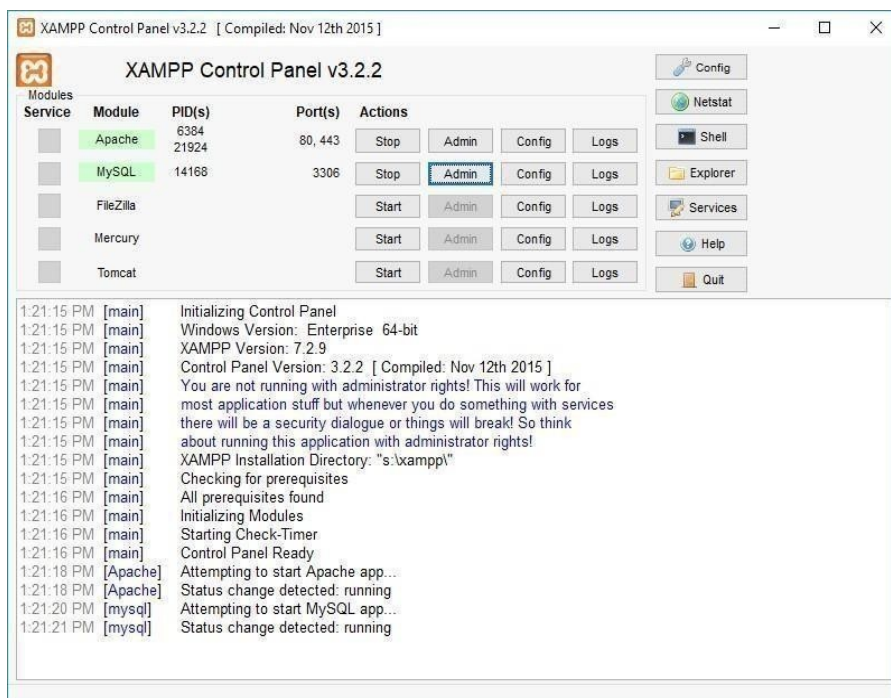
1. **XAMPP-** XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

2. **WAMP-** WampServer refers to a solution stack for the Microsoft Windows operating system, created by Romain Bourdon and consisting of the Apache web server, OpenSSL for SSL support, MySQL database and PHP programming language.

3. **LAMP-** Linux Apache MySQL PHP. It is an open-source Web development platform that uses Linux as the operating system, Apache as the Web server, MySQL as the relational database management system and PHP as the object-oriented scripting language. (Sometimes Perl or Python is used instead of PHP.)

4. **MAMP-** Mac Apache MySQL or MariaDB PHP. It is a solution stack composed of free and open-source proprietary commercial software used together to develop and run dynamic websites on Apple Macintosh computers.

Steps to install XAMPP Server:

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

KPGU
Vadodara

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

KPGU
Vadodara

Setup — □ ×

Language

XAMPP Control Panel for Windows supports different languages.

Language English ▾

XAMPP Installer

< Back   Next >   Cancel

Setup — □ ×

Installation folder

Please, choose a folder to install XAMPP

Select a folder C:\xampp 📁

XAMPP Installer

< Back   Next >   Cancel

Enrolment number (2101201128)

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

K P G U
V a d o d a r a

Setup — □ ×

Bitnami for XAMPP

Bitnami for XAMPP provides free installers that can install Drupal, Joomla!, WordPress and many other popular open source apps on top of your existing XAMPP installation.

https://bitnami.com/xampp

Learn more about Bitnami for XAMPP ☑

XAMPP Installer

[< Back] [Next >] [Cancel]

Setup — □ ×

Ready to Install

Setup is now ready to begin installing XAMPP on your computer.

XAMPP Installer

[< Back] [Next >] [Cancel]

Enrolment number (2101201128)

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

KPGU
Vadodara

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

KPGU
Vadodara

```
</tr>
</table>
</body>
</html>
```

Output:

Program:

```
<html>
<body>
<head>
<center>
<title> table</title>
</head>
<table border="1" height="50" width ="50%">    <tr>
<td colspan="4" align="center">India</td> </tr>
<tr>
```

Enrolment number (2101201128)

```
<td rowspan="2" align="center">Australia</td>
<td colspan="2" align="center">USA</td>
<td align="center">Spain</td>
</tr>
<tr>
<td align="center">Switzerland</td>
<td align="center">Italy</td>
<td rowspan="2" align="center">Japan</td>
</tr>
<tr>
<td align="center">Chaina</td>
<td align="center">Myanmar</td>
<td align="center">South Korea</td>
</tr>
</table>
</body>
</html>
```

DRS. KIRAN & PALLAVI PATEL GLOBAL UNIVERSITY
Established Under Gujarat Private Universities (Amendment) Act, 2021 (Gujarat Act No. 15 of 2021)

KPGU
Vadodara

Practical-3

AIM:

Study all CSS properties and Prepare a CSS reference sheet in following format:	
Property Name	Description and

Background Properties:

Property Name	Values	Description
background-color	Any color.	The background-color property specifies the background color of an element.
backgroundimage	url	The background-image property specifies an image to use as the background of an element. By default, the image is repeated so it covers the entire element.
backgroundrepeat	repeat -x, repeat y, repeat -z, norepeat	By default, the background-image property repeats an image both horizontally and vertically. Some images should be repeated only horizontally or vertically, or they will look strange.
backgroundposition	right top, right bottom, left top, left bottom	The background-position property is used to specify the position of the background image.
backgroundattachment	fixed, scroll	The background-attachment property specifies whether the background image should scroll or be fixed (will not scroll with the rest of the page)

Borders/Outline

Property Name	Values	Description

border-style	dotted, dashed, solid, double, groove, ridge, inset, outset, none, hidden	The border-style property specifies what kind of border to display.
border-width	px, pt, cm, em, thin, medium, thick	The border-width property specifies the width of the four borders.
border-color	Any color.	The border-color property is used to set the color of the four borders.
border-radius	px	The border-radius property is used to add rounded borders to an element:

Margins:

Property Name	Values	Description
margin-top		
margin-right	auto, length, %, inherit	CSS has properties for specifying the margin for each side of an element
margin-bottom		
margin-left		

Paddings:

Property Name	Values	Description
padding-top	length, %, inherit	CSS has properties for specifying the padding for each side of an element
padding -right		
padding -bottom		
padding -left		

Text:

Property Name	Values	Description
color	color name, hex value, RGB value	The color property is used to set the color of the text.
text-align	left, right, center, justify	The text-align property is used to set the horizontal alignment of a text.
text-decoration	none, underline, overline, linethrough	The text-decoration property is used to set or remove decorations from text.

Enrolment number (2101201128)

text-transform	uppercase, lowercase, capitalize	The text-transform property is used to specify uppercase and lowercase letters in a text.
text-indent	px	The text-indent property is used to specify the indentation of the first line of a text.
letter-spacing	px	The letter-spacing property is used to specify the space between the characters in a text.
line-height	Decimal values	The line-height property is used to specify the space between lines.
direction	rtl, ltr	The direction property is used to change the text direction of an element.
word-spacing	px	The word-spacing property is used to specify the space between the words in a text.
text-shadow	px, any color	The text-shadow property adds shadow to text.

Fonts:

Property Name	Values	Description
font-family	Font Name	The font family of a text is set with the font-family property.
font-style	normal, italic, oblique	The font-style property is mostly used to specify italic text.
font-size	px, em, %	The font-size property sets the size of the text.
font-weight	normal, bold	The font-weight property specifies the weight of a font:
font-variant	normal, small-caps	The font-variant property specifies whether or not a text should be displayed in a small-caps font.

Links:

Property Name	Values	Description
a:link	background-color, color, padding,	a normal, unvisited link
a:visited		a link the user has visited

Enrolment number (2101201128)

a:hover	textalign, textdecoration, display	a link when the user mouses over it
a:active		a link the moment it is clicked

Tables:

Property Name	Values	Description
border	px, color	To specify table borders in CSS, use the border property.
border-collapse	collapse	The border-collapse property sets whether the table borders should be collapsed into a single border.
width	%	Width and height of a table are defined by the width and height properties.
height		
text-align	left, right, center	The text-align property sets the horizontal alignment (like left, right, or center) of the content in <th> or <td>
vertical-align	top, bottom, middle	The vertical-align property sets the vertical alignment (like top, bottom, or middle) of the content in <th> or <td>.
padding	px	To control the space between the border and the content in a table, use the padding property on <td> and <th> elements.

Display:

Property Name	Values	Description
display	none, block, inline	The display property displays the content on browser.
Visibility		The visibility property sets the visibility of the content.

Enrolment number (2101201128)