



Estd : 1984

**KONGUENGINEERINGCOLLEGE
(Autonomous)**
PERUNDURAI, ERODE 638060



**22GCL12-FOUNDATION LABORATORY - II
WEB LABORATORY**

ACADEMIC YEAR: 2023-2024

PROJECT REPORT

TEAM NAME:

Cseb30

TITLE:

CONVERTIZ (Unit Converter)



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WEB LABORATORY
ACADEMIC YEAR: 2023-2024**

PROJECT REPORT

	Cseb30	
Project Title	CONVERTIZ (Unit Converter)	
Name of the Students	KAVYA P	KAVYADARSHINI M
Roll Number	23CSR107	23CSR108
Programme / Branch	B.E/CSE-B	
Year / Semester	I/II	

LABORATORY

OBJECTIVE:

- To understand the basics of HTML
- To design website using JavaScript, CSS and PHP

LIST OF EXPERIMENTS/EXERCISES

1. Design a simple web page using basic HTML tags.
2. Design a web page using HTML and CSS properties
3. Design a responsive web page using Bootstrap framework.
4. Design a web page for signup and login validation form using JavaScript and PHP.
5. Create a database connectivity using PHP, MySQL and host the website in the server.

COURSE OUTCOMES:

On completion of the course, the students will be able to

- Design and host an interactive dynamic website.

TABLE OF CONTENTS

EXP. NO.	LIST OF EXPERIMENTS
1.	DESIGN A SIMPLE WEB PAGE USING BASIC HTML TAGS

2.	DESIGN A WEB PAGE USING HTML AND CSS PROPERTIES
3.	DESIGN A RESPONSIVEWEB PAGE USING BOOTSTRAP FRAMEWORK
4.	DESIGN A WEB PAGE FOR SIGNUP AND LOGIN VALIDATION FORM USING JAVASCRIPT AND PHP.
5.	CREATE A DATABASE CONNECTIVITY USING PHP, MYSQL AND HOST THE WEBSITE IN THE SERVER.

Exp. No.	Title of the Experiment	Maximum marks(50)	Marks awarded(50)	Signature
1.	Design a simple web page using basic HTML tags and CSS properties	20		
2.	Design a responsive web page using Bootstrap framework	15		
3.	Design a web page for signup and login validation form using JavaScript and PHP.	15		
Average				

Course Faculty

HOD

Day 1:

DESIGN A WEB PAGE USING BASIC HTML TAGS

Aim:

To design a web page using the basic HTML tags

Description:

HTML Tag	Description
<!DOCTYPE>	Defines the document type
<html>	Defines an HTML document
<head>	Defines information about the document
<title>	Defines a title for the document
<body>	Defines the document's body Attributes background - background image for a document bgcolor: background color of a document
<h1> to <h6>	Defines HTML headings
<mark>	highlight parts of text
<p>	Defines a paragraph
<a>	Defines a hyperlink, which is used to link from one page to another. Attributes href - URL of the page the link goes to - name of an anchor tag target - where to open the linked document. Possible values are blank, parent, self, top
 	Inserts a single line break
<hr>	Defines a thematic change in the content
<!--...-->	Defines a comment

	defines an image Attributes align - alignment of an image according to surrounding elements. The possible values are top, bottom, middle, left right alt - an alternate text for an image border - width of the border around an image height - height of an image hspace - whitespace on left and right side of an image src - URL of an image vspace - whitespace on top and bottom of an image width - width of an image
-------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	Defines an ordered list <code>_type</code> attribute for <code></code> tag to specify the type of numbering Following are the possible options .By default, it is a number. <code><ol type = "1"></code> - Default-Case Numerals. <code><ol type = "I"></code> - Upper-Case Numerals. <code><ol type = "i"></code> - Lower-Case Numerals. <code><ol type = "A"></code> - Upper-Case Letters. <code><ol type = "a"></code> - Lower-Case Letters. <code>_start</code> attribute for <code></code> tag to specify the starting point of numbering <code><ol type = "1" start = "4"></code> - Numerals starts with 4. <code><ol type = "I" start = "4"></code> - Numerals starts with IV. <code><ol type = "i" start = "4"></code> - Numerals starts with iv. <code><ol type = "a" start = "4"></code> - Letters starts with d. <code><ol type = "A" start = "4"></code> - Letters starts with D.
	Defines a list item
	Defines an unordered list <code>_type</code> attribute for <code></code> tag to specify the type of bullet. Following are the possible options. By default, it is a disc. <code><ul type = "square"></code> <code><ul type = "disc"></code> <code><ul type = "circle"></code>
<dl>	Defines a description list
<dt>	Defines a term/name in a description list
<dd>	Describes each term/name

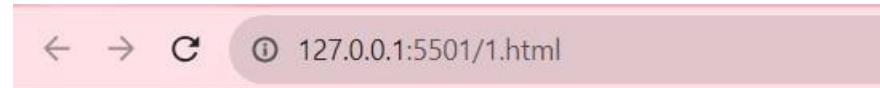
<table>	Defines a table Attributes: align - the alignment of a table according to surrounding text (left/center/right) bgcolor - the background color for a table border - borders around the table and the table's cells cellpadding- space between the cell wall and the cell content cellspacing- space between cells colspan - number of columns a table cell should span rowspan - number of rows a table cell should span width - width of a table (pixels or %)
<caption>	Defines a table caption
<th>	Defines a header cell in a table

<tr>	Defines a row in a table
<td>	Defines a cell in a table
<thead>	Groups the header content in a table
<tbody>	Groups the body content in a table
<tfoot>	Groups the footer content in a table

Program: **Simple HTML Page**

```
</html>
<!DOCTYPE html>
<html>
<body>
<h1> Welcome to KEC</h1>
<p> Innovation Lab</p>
<i> Creating an Website on KEC MINI MART</i>
<p> <a href="2.html">Click here to Explore</a></p>
</body>
</html>
```

Output:



Welcome to KEC

Innovation Lab

Creating an Website on KEC MINI MART

[Click here to Explore](#)

Program: **Simple HTML WebPage**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body bgcolor="#DAF7A6">
<strong><center><font color="#6D2819" size="15" face="Curlz MT"><i>Welcome to KEC MINI  
MART</i></font></strong>
<p></p></center>
<strong><font color="#4A235A " size="5" face="Algerian"><ol>
<li>Coffee</li>
<li>Sugar</li>
<li>Tea</li>
</ol></font>
<font color="#A04000 " size="5" face="Algerian"><ul>
<li>Pumpkin</li>
<li>Drumstick</li>
<li>Ladies Finger</li>
</ul></font>
<font color="#212F3D" size="5" face="Algerian"><table bgcolor="#35A175">
<tr><th>Items</th><th>Quantity</th><th>Rate</th></tr>
<tr><td>Oil</td><td>1 kg</td><td>Rs.95</td></tr>
<tr><td>Mustard</td><td>1 kg</td><td>Rs.35</td></tr>
<tr><td>Wheat Flour</td><td>1 kg</td><td>Rs.150</td></tr>
</table></font></strong>
<strong><center><font color="#061B75 " size="5" face="Algerian"><form>
    Username:<input type="text" name="username" placeholder="Enter your Username">
    <p>Password:<input type="password" id="password" name="password" placeholder="Enter your  
Password"/></p>
    <input type="submit" value="Submit">
</form></font></strong>
<strong><font color="#DE3163 " size="5" face="Algerian"><a href="3.php"><p>Create a styling  
Website</a></center></font></strong>
</body> </html>

```

Output:

Welcome to KEC MINI MART[°]



1. COFFEE

2. SUGAR

3. TEA

• PUMPKIN

• DRUMSTICK

• LADIES FINGER

ITEMS	QUANTITY	RATE
OIL	1 KG	RS.95
MUSTARD	1 KG	RS.35
WHEAT FLOUR	1 KG	RS.150

USERNAME: Enter your Username

PASSWORD: Enter your Password

Submit

[CREATE A STYLING WEBSITE](#)

Result:

Thus a web page has been designed using the basic HTML Tags.

Day 1:

DESIGN A WEB PAGE USING BASIC HTML TAGS

Aim:

To design a web page using the basic HTML.

Program:

HOME PAGE

```
<!DOCTYPE html> <html lang="en">
<head>
<title>Document</title>
</head>
<body style="padding-top: 0px">

<div style="text-align:center;background-color:rgb(25, 164, 234);padding- top: 0px;font-size:50px;width:100%">
<marquee>CONVERTIZ.COM</marquee></div>
<div style="background-color:lightblue;height:1050px; padding-top: 0px;"><br>
<center> <h2><table cellpadding="10">
<tr bgcolor="olive"> <th>LENGTH CONVERTER</th><th>TIME
CONVERTER</th><TH>TEMPERATURE
CONVERTER</TH><TH>WEIGHT CONVERTER</TH></tr>
<tr><td><ul><li>Meter to Km</li><br><li>Meter to
Centimeter</li><br><li>Km to Miles</li><br></ul></td>
<td><ul><li>Hours to Seconds</li><br><li>Hours to
Minutes</li><br><li>Seconds to Minutes</li><br></ul></td>
<td><ul><li>Kelvin to Celsius</li><br><li>Celsius to
Kelvin</li><br><li>Fahrenheit to Celsius</li><br></ul></td>
<td><ul><li>Kilogram to Gram</li><br><li>Gram to
Pounds</li><br><li>Kilogram to
Pounds</li><br></ul></td></tr></table></h2>
<h2><a href="C:\xampp\htdocs\23CSR108\Day
2\second1.html">Click here to know about Unit
Conversions.</a></h2><hr>
<center> <h2><table border="solid" cellpadding="10">
<th colspan="4"><mark>CONVERTER</mark></th>
<tr bgcolor="teal"> <th>LENGTH CONVERTER</th><th>TIME
CONVERTER</th><TH>TEMPERATURE
CONVERTER</TH><TH>WEIGHT CONVERTER</TH></tr>
<tr><td><ol><li>1m = 0.001km</li><br><li>1m =
100cm</li><br><li>1km = 0.6214miles</li><br></ol></td>
<td><ol><li>1hour = 3600secs</li><br><li>1hours =
60mins</li><br><li>1secs = 0.0167mins</li><br></ol></td>
```

```

<td><ol><li>C = K-273</li><br><li>C =
K+273</li><br><li>C=(5/9)(F-32)</li><br></ul></td>
<td><ol><li>1kg = 1000g</li><br><li>1kg =
0.002679pounds</li><br><li>1kg = 2.2046pounds</li><br></ol>
</td></tr></table></h2>

```

```

</table> </center><hr>
<h2><u>CONTACT US</u></h2>
<H4>We can be reached via the following form. Normally, we will
respond within 2 business days.</H4>
<form action="/action_page.php" method="get">
<table><tr><td>
<label for="fname" autofocus="on">Name:</label></td><td>
<input type="text" id="fname" name="fname"></td></tr>
<tr><td><label for="email">Email ID:</label></td><td>
<input type="email" id="lname" name="lname"></td></tr>
<tr><td><label for="msg">Message to us:</label></td><td>
<textarea rows="3" cols="22"></textarea><br></td></tr>
</table>
<button type="submit">SEND</button>
</form>
</center></div>
<div style="text-align:center;background-color:rgb(25, 164, 234);
padding-top: 0px;font-size:50px;width:100%">
<marquee>THANK YOU FOR VISITING :)</marquee>
</div>
</body> </html>

```

Output:

HOME PAGE



CONVERTER			
LENGTH CONVERTER	TIME CONVERTER	TEMPERATURE CONVERTER	WEIGHT CONVERTER
1. 1m = 0.001km	1. 1hour = 3600secs	1. C = K-273	1. 1kg = 1000g
2. 1m = 100cm	2. 1hours = 60mins	2. C = K+273	2. 1g = 0.002679pounds
3. 1km = 0.6214miles	3. 1secs = 0.0167mins	3. C=(5/9)(F-32)	3. 1kg = 2.2046pounds

CONTACT US

We can be reached via the following form. Normally, we will respond within 2 business days.

Name:	<input type="text"/>
Email ID:	<input type="text"/>
Message to us:	<input type="text"/>
	<input type="button" value="SEND"/>

THANK YOU FOR VISITING :)

Result:

Thus a web page has been designed using the basic HTML Tags.

Day 2:

DESIGN A WEB PAGE USING HTML AND CSS PROPERTIES

Aim:

To design a web page by applying different types of CSS properties.

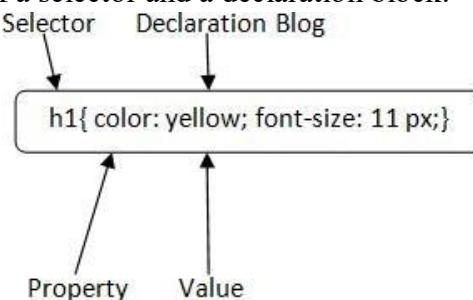
Description:

CSS

CSS stands for Cascading Style Sheets, which describes how HTML elements are to be displayed on screen, paper, or in other media. It defines styles for web pages, including the design, layout and variations in display for different devices.

CSS Syntax

A CSS rule-set consists of a selector and a declaration block:



- The selector points to the HTML element you want to style.
- The declaration block contains one or more declarations separated by semicolons.
- Each declaration includes a CSS property name and a value, separated by a colon.

CSS Selectors	Select HTML elements according to its id, class, type, attribute etc.
Element Selector	Selects the HTML element by name.
Id Selector	Selects the id attribute of an HTML element to select a specific element. An id is always unique within the page so it is chosen to select a single, unique. It is written with the hash character (#), followed by the id of the element
Class Selector	selects HTML elements with a specific class attribute. It is used with a period (.) character followed by the class name. A class name should not be started with a number.
Universal Selector	used as a wildcard character. It selects all the elements on the pages.
Group Selector	Select all the elements with the same style definitions. Grouping selector is used to minimize the code. Commas are used to separate each selector in grouping.

There are three ways to associate styles with HTML document.

1. Inline style sheet
2. Embedded style sheet / Internal style sheet
3. External style sheet **Inline style sheet**

Use style attribute of any HTML element to define style rules. These rules will be applied to that element only.

```
<h1 style="color:pink"> This is inline CSS </h1>
```

Embedded style sheet/Internal style sheet

CSS rules to be available inside of `<style>` element and this tag is placed inside the `<head>...</head>` tags. Rules defined using this syntax will be applied to all the elements available in the document.

```
<head>
<style type="text/css" >
h1 { color:
pink; }
</style>
</head>
```

External style sheet

The `<link>` element can be used to include an external stylesheet file in the HTML document. An external style sheet is a separate text file with .css extension and it contains all the Style rules. This can be used to apply similar styles to multiple documents with `<link>` element.

```
mystyle.css
h1, h2,
h3
{ color: red;
...
}
mystyle.css linked in head part of the any HTML document as follows:
<head>
<link rel="stylesheet" type="text/css" href="mystyle.css" />
</head>
```

CSS Properties	Values	Description
position	static, relative, fixed absolute, sticky	Specifies the type of positioning method used for an element.
overflow	visible, hidden, scroll auto	Add scrollbars when the content of an element is too big to fit in the specified area.
float	left, right, inherit, none	Used for positioning and formatting content
display	none, block, inline inline-block	specifies how an element is displayed

list-style-type	none	specifies the type of list item marker
z-index	number	Specifies the stack order of an element. Element with greater stack order is always in front of an element with a lower stack order
padding	padding-top padding-right padding-bottom padding-left	generate space around an element's content
border	dotted, dashed, solid none	Specify the style, width, and color of an element's Border
CSS Selector	Description	
:hover	specifies mouse over link	
:link	specifies unvisited link	
:visited	specifies visited link	
:active	specifies selected link	

Program:

Simple HTML program using CSS properties

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>KEC MINI MART</title>
<style>
/*Header Section */
.header{ background-image:
url("rice.jpg");
padding: 10px;
text-align: center; font-
family: Curlz MT;
color: white; font-size:
100px;
}
.topnav { overflow:
hidden;
background-image: linear-gradient(#F4D03F, #85C1E9);
padding: 10px;
}
/*Navigation Bar */
/* Style the topnav links */
```

```
.topnav a {  
    float: left;  
    display: block;  
    color: black;  
    text-align: center;  
    padding: 14px 16px; font-  
    family:Bodoni MT; text-  
    decoration: none; font-  
    family: Curlz MT; font-  
    size: 20px;  
}  
/* Change color on hover */  
.topnav a:hover { background-  
    color: #58D68D; color: rgb(15,  
    37, 13);  
} /* row 1  
*/  
div.gallery {  
    margin: 5px; border: 3px  
    groove #ccc;  
    float: left;  
    width: 300px; }  
div.gallery:hover {  
    border: 1px solid #777;  
} div.gallery img { width: 100%; height: auto; box-shadow: 0 4px 8px 0  
    rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);  
} div.desc  
{  
    padding: 15px; text-  
    align: center; }  
/* row 2 */  
/* Create three equal columns that floats next to each other */  
.column {  
    float: left;  
    width: 30%;  
    padding: 10px;  
}  
/* Clear floats after the columns */  
.row::after {  
    content: "";  
    display: table;  
    clear: both; }  
/* Responsive layout - makes the three columns stack on top of each other instead of next to each other */  
@media screen and (max-width:600px) {
```

```
.column {
  width: 100%;
}

/*
Form section */
input[type=text], select {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  border-radius: 4px; box-
  sizing: border-box;
}

input[type=submit] {
  width: 100%;
  background-color: #4CAF50;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}
input[type=submit]:hover {
  background-color: #45a049;
}

.fff { justify-content: center;
display: flex; border-radius:
5px; background-color:
#82E0AA ; padding: 20px;
font-family: Algerian; font-
size: 20px; } img {
  float: center;
}
ol {
  background: #117A65;
padding: 20px; font-
family: Algerian; } ol li {
background: #CCD1D1;
color: black; padding:
5px; margin-left: 10px;
font-family: Algerian; }
ul {
```

```
background: #3399ff;
padding: 20px; font-
family: Algerian; } ul
li {
background: #cce5ff;
color: darkblue;
margin: 2px;
}
a:link{
color:white; font-
family: Curlz MT;
font-size: 40px;
}
a:hover{
color:yellowgreen;
font-family: Curlz MT;
font-size: 40px;
}
table{
width: 100%; border:
1px solid; font-
family: Algerian;
} th, td
{
border: 1px solid;
text-align: left;
padding: 8px; }
tr:nth-child(even) {background-color: #f2f2f2; }

.footer { background-color:
#D1F2EB ; text-align: center;
}
</style>
</head>
<body>
<div class="header">
<i>Welcome to KEC MINI MART</i>
</div>
<div class="topnav">
<a href="#">Home</a>
<a href="#">Products</a>
<a href="#">Buy</a>
</div>
<div class="row">
```

```

<div class="column">
  <div class="gallery">
    
    <div class="desc">Cereal and Pulses are healthy</div>
  </div>
</div>
<div class="column">
  <div class="gallery">
     <div class="desc">Straight from the farm</div>
  </div>
</div>
<div class="column">
  <div class="gallery">
    
    <div class="desc">Fresh Dairy Products</div>
  </div>
</div>
</div>
<div class="row">
  <div class="column">
    <h2>Groceries</h2>
    <ol>
      <li class="fo1">Wheat</li>
      <li class="fo1">Groundnut</li>
      <li class="fo1">Oats</li>
    </ol>
  </div>
  <div class="column">
    <h2>Vegetables</h2>
    <ul>
      <li>Cauliflower</li>
      <li>Green Chilly</li>
      <li>Baby Corn</li>
    </ul>
  </div>
  <div class="column">
    <h2>Dairy Products</h2>
    <table>
      <tr><th>Items</th><th>Quantity</th><th>Rate</th></tr>
      <tr><td>Milk</td><td>1 kg</td><td>Rs.100</td></tr>
      <tr><td>Cheese</td><td>1 kg</td><td>Rs.200</td></tr>
      <tr><td>Butter</td><td>1 kg</td><td>Rs.80</td></tr>
    </table>
  </div>

```

```

</div>
<div class="fff">
<form>
    <label for="fname">First Name</label>
    <input type="text" id="fname" name="firstname" placeholder="Your name.."> <label for="lname">Last Name</label>
    <input type="text" id="lname" name="lastname" placeholder="Your last name..">

    <label for="country">Country</label>
    <select id="country" name="country">
        <option value="australia">Australia</option>
        <option value="canada">Canada</option>
        <option value="usa">USA</option>
    </select>
    <input type="submit" value="Submit">
</form>
</div>
<div class="footer">
    <a href="4.php"><p>Click to view next page</p>
    <a href="3.php"><p>Back</p>
</div>
</div>
</body>
</html>

```

Output:

The screenshot shows a web application interface for a mini mart. At the top, there's a decorative banner with a green grass pattern and the text "Welcome to KEC MINI MART". Below this is a navigation bar with links for "Home", "Products", and "Buy". The main content area is organized into three columns: "Groceries", "Vegetables", and "Dairy Products". Each column has a thumbnail image and a list of items. The "Groceries" section lists "WHEAT", "GROUNDNUT", and "OATS". The "Vegetables" section lists "CARROTS", "RADISH", "CHILLI", and "BABY CORNS". The "Dairy Products" section shows images of milk and cheese. Below these columns is a form for user input. It includes fields for "FIRST NAME" and "LAST NAME" with placeholder text "Your name..", a "COUNTRY" dropdown menu set to "Australia", and a "Submit" button. At the bottom of the form are two buttons: "Click to view next page" and "Back".

Result:

Thus a web page is designed by applying CSS properties.

Day 2:

DESIGN A WEB PAGE USING HTML AND CSS PROPERTIES

Aim:

To design a web page by applying different types of CSS properties.

Program:

HOME PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Document</title>
    <link rel="stylesheet" href="style1.css">
<style>
{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}
nav
{
    position: relative;
    width: 100%;
    height: 60px;
    background: #222;
    border-radius: 8px;
    display: flex;
    align-items: center;
}
nav a{
    position: relative;
    display: inline-block;
    font-size: 1em;
    font-weight: 500;
    color: #fff;
    text-decoration: none;
    padding: 0 23px;
    z-index: 1;
}
```

```
nav span{
  position: absolute;
  top: 0;
  left: 0;
  width: 95px;
  height: 100%;
  background: linear-gradient(45deg,#4f1919,#ff3333);
  border-radius: 8px;
  transition: .5s;
}
nav a:nth-child(1):hover~span
{
  left: 0;
}
nav a:nth-child(2):hover~span
{
  left: 110px;
}
nav a:nth-child(3):hover~span
{
  left: 230px;
  width: 130px;
}
nav a:nth-child(4):hover~span
{
  left: 370px;
  width: 115px;
}
nav a:nth-child(5):hover~span
{
  left: 480px;
  width: 200px;
}
@import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}
body {
  /* background-image: linear-gradient(125deg,teal,red); */
  background-image: linear-gradient(195deg,white,red);
  background-repeat: no-repeat;
  background-size:1700px 1500px;}
```

```
.wavy {  
position: relative;  
background-color:#fe0a0a;  
/*background-color:#D21F3c;*/  
font-size: 60px;  
width:100%;  
height:90px;  
padding-top:0px;  
}  
.wavy span {  
font-family: 'Alfa Slab One', cursive;  
position: relative;  
display: inline-block;  
color: #050505;  
text-transform: uppercase;  
animation: wavy 1s infinite;  
animation-delay: calc(.1s * var(--i));  
}  
@keyframes wavy {  
0%,40%,100% {  
transform: translateY(0)  
}  
20% {  
transform: translateY(-20px)  
}  
}  
table, td, th {  
border: 1px solid black;  
text-align: center;  
}  
.flex-container { display: flex;  
justify-content: center;  
  
height:300px }  
.flex-container >  
div {  
opacity: 0.7;  
background-color:#ff2400;  
color: white;  
border-radius: 25px;  
margin: 10px; text-align: center;  
line-height: 65px; width:22%; font-size: 20px;  
transition: width 0.5s; }
```

```
.flex-container>div:hover
{ width: 30%;
/*height:0px/
/color:black;*/
background-color:rgb(255, 0, 72);}

h3
{ color:white;
text-shadow: 1px 2px 2px black , 0 0 25px black, 0 0 5px ; }

table {
border-collapse: collapse;
width: 80%;

}

th, td {
padding: 15px;
font-size:25px;
}
tr:hover
{background-color: #242424;
color:white;
}
th:hover {
background-color:#FFFEFC;
color:black;
}
</style>
</head>
<body>

<body>
<div class="wavy"><center>
<marquee><span style="--i:1">C</span>
<span style="--i:2">O</span>
<span style="--i:3">N</span>
<span style="--i:4">V</span>
<span style="--i:5">E</span>
<span style="--i:6">R</span>
<span style="--i:7">T</span>
<span style="--i:8">I</span>
<span style="--i:9">Z</span>
<span style="--i:10">.</span>
```

```

<span style="--i:11">C</span>
<span style="--i:12">O</span>
<span style="--i:13">M</span></marquee>
</center>

</div>
</body>
<nav>
<a href="First.html">HOME</a>
<a href="#formore">ABOUT US</a>

<a href="contactus.html">CONTACT US</a>
<a href="#">SERVICES</a>
<a href="#">UNIT CONVERSIONS</a>
<span></span>
</nav><br><br>
<div class="flex-container"> <div><h3>LENGTH
CONVERTER</h3>Meter to Km<br>Meter to Centimeter<br> Km to
Miles</div>
<div><h3>TIME CONVERTER</h3> Hours to Seconds<br> Hours
to Minutes<br>Seconds to Minutes</div>
<div><h3>TEMPRATURE CONVERTER</h3> Kelvin to
Celsius<br>Celsius to Kelvin<br>Fahrenheit to Celsius</div>
<div><h3>WEIGHT CONVERTER</h3> Kilogram to Gram<br>
Gram to Pounds<br> Kilogram to Pounds </div> </div>
<br><br>
<center><table style="background-color:#FF2400">
<tr>
<th>LENGTH CONVERTER</th>
<th>TIME CONVERTER</th>
<th>TEMPERATURE CONVERTER</th>
<th>WEIGHT CONVERTER</th>
</tr>
<tr style="background-color:#F3E5AB">
<td>1. 1m = 0.001km</td>
<td>1. hour = 3600secs</td>
<td>1. C = K-273</td>
<td>1. 1kg = 1000g</td>
</tr>
<tr style="background-color:#F3E5AB">
<td>2. 1m = 100cm</td>
<td>2. 1hours = 60mins</td>
<td>2. C = K+273</td>
<td>2. 1g = 0.002679 pounds</td>
</tr>

```

```

<tr style="background-color:#F3E5AB">
  <td>3. km = 0.6214miles</td>
  <td>3. secs = 0.1067mins</td>
  <td>3. C = (5/9)(F-32) </td>
  <td>3. 1kg = 2.2046pounds</td>
</tr>
</table></center>
<br><br><hr><br><br>
<div style="color:white;" id="formore"><center>
  <h3>For more details...</h3>
  <h2>contact : 1234567890<br>convertiz_unit@gamil.com</h2>
</center>
<br>
<hr>
</div>
<br></body>
</html>

```

CONTACT US PAGE

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
        font-family: 'Poppins', sans-serif;
      }

      nav {
        position: relative;
        width:100%;
        height:60px;
        background: #222;
        border-radius: 8px;
        display: flex;
        align-items: center;
      }

      nav a{
        position: relative;
        display: inline-block;
        font-size: 1em;
        font-weight: 500;
        color: #fff;
      }
    </style>
  </head>
  <body>
    <nav>
      <a href="#">Home</a>
      <a href="#">About</a>
      <a href="#">Services</a>
      <a href="#">Contact</a>
    </nav>
  </body>
</html>

```

```
text-decoration: none;
padding: 0 23px;
z-index: 1;

}

nav span{
position: absolute;
top: 0;
left: 0;
width: 95px;
height: 100%;
background: linear-gradient(45deg,#4f1919,#ff3333);
border-radius: 8px;
transition: .5s;

}

nav a:nth-child(1):hover~span
{
  left: 0;
}
nav a:nth-child(2):hover~span
{
  left: 110px;
}
nav a:nth-child(3):hover~span
{
  left: 230px;
  width: 130px;
}
nav a:nth-child(4):hover~span
{
  left: 370px;
  width: 115px;
}
a{
text-decoration:none;
color:white;
}
nav a:nth-child(5):hover~span
{
  left: 480px;
  width: 200px;
}

@import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&displa
y=swap');
* {
```

```
padding: 0;
margin: 0;
box-sizing: border-box;
}

input[type=text], select {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #101010;
border-radius: 4px;
box-sizing: border-box;
}
input[type=email], select {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid black;
border-radius: 4px;
box-sizing: border-box;
}
input[type=submit] {
width: 100%;
background-color:rgb(14, 13, 13);
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
}

input[type=submit]:hover {
background-color: #a05d45;
}

.form{
border-spacing: 100px;
border-radius: 15px;
background-color:rgb(105, 230, 211);
padding: 20px;
height:500px;
width:40%;
}
body {
```

```
background-image: linear-gradient(195deg,teal,red);
background-repeat: no-repeat;
background-size:1700px 1500px; }

h2{
    text-align: left;
}

</style><title>Registration Form</title></head>
<body><center>
<nav>
    <a href="second1.html">HOME</a>
    <a href="#formore">ABOUT US</a>

    <a href="contactus.html">CONTACT US</a>
    <a href="#">SERVICES</a>
    <a href="#">UNIT CONVERSIONS</a>
    <span></span>
</nav>

<br><br><br><br><br><br><br><br>

<div class="form">
    <h1>Contact US</h1>
    <form><h2>
        <label for="fname">First Name</label>
        <input type="text" id="fname" name="firstname"
placeholder="Your name..">

        <label for="lname">Last Name</label>
        <input type="text" id="lname" name="lastname" placeholder="Your
last name..">

        <label for="msg">Message to us...</label>
        <input type="text" id="lname" name="lastname"
placeholder="Message us">

        <label for="email">Email ID</label>
        <input type="email" id="lname" name="lastname"
placeholder="Your Email ID">
    </h2><br>
    <!--<input type="submit" value="Submit">-->
    <button style="width:15%;background-color:white;padding-
top:5px;
    background-color:black;color:white;padding-bottom:5px;border-
radius:2px;"><a href="#">SUBMIT</a></button>
    <button style="width:15%;background-color:white;padding-
top:5px;
    background-color:black;color:white;padding-bottom:5px;border-
radius:2px;">
        <a href="contactus.html">CLEAR</a></button>
```

```
<button style="width:15%;background-color:white;  
padding-top:5px;background-color:black;color:white;padding-  
bottom:5px;border-radius:2px;">  
  <a href="second1.html">BACK</a></button>  
  
</form>  
</div>  
</center>  
  
</body>  
</html>
```

Output:

HOME PAGE

The screenshot shows the homepage of Convertiz. At the top, there's a navigation bar with links for HOME, ABOUT US, CONTACT US, SERVICES, and UNIT CONVERSIONS. Below the navigation is a large red banner with the text "WELCOME TO CONVERTIZ" and "CONVERTIZ.COM". The main content area contains four rounded rectangular boxes, each representing a different type of converter:

- LENGTH CONVERTER**: Includes links for Meter to Km, Meter to Centimeter, and Km to Miles.
- TIME CONVERTER**: Includes links for Hours to Seconds, Hours to Minutes, and Seconds to Minutes.
- TEMPRATURE CONVERTER**: Includes links for Kelvin to Celsius, Celsius to Kelvin, and Fahrenheit to Celsius.
- WEIGHT CONVERTER**: Includes links for Kilogram to Gram, Gram to Pounds, and Kilogram to Pounds.

Below these boxes is a table comparing conversion factors:

LENGTH CONVERTER	TIME CONVERTER	TEMPERATURE CONVERTER	WEIGHT CONVERTER
1. 1m = 0.001km	1. hour = 3600secs	1. C = K-273	1. 1kg = 1000g
2. 1m = 100cm	2. 1hours = 60mins	2. C = K+273	2. 1g = 0.002679 pounds

This screenshot is identical to the one above, showing the homepage of Convertiz with the same layout, navigation, and four converter boxes. Below the boxes is a more detailed table:

LENGTH CONVERTER	TIME CONVERTER	TEMPERATURE CONVERTER	WEIGHT CONVERTER
1. 1m = 0.001km	1. hour = 3600secs	1. C = K-273	1. 1kg = 1000g
2. 1m = 100cm	2. 1hours = 60mins	2. C = K+273	2. 1g = 0.002679 pounds
3. km = 0.6214miles	3. secs = 0.1067mins	3. C = (5/9)(F-32)	3. 1kg = 2.2046pounds

At the bottom of the page, there is a footer section with contact information:

For more details...
contact : 1234567890
convertiz_unit@gmail.com

CONTACT US PAGE

The screenshot shows a web browser window with a title bar indicating the URL is 127.0.0.1:5500/Day 2/contactus.html. The page has a dark header navigation bar with links for HOME, ABOUT US, CONTACT US (which is highlighted in red), SERVICES, and UNIT CONVERSIONS. Below the header is a large, semi-transparent gradient background (dark teal at the top, red at the bottom). In the center, there is a light blue rounded rectangular form titled "Contact US". The form contains four input fields with placeholder text: "First Name" (placeholder: "Your name.."), "Last Name" (placeholder: "Your last name.."), "Message to us..." (placeholder: "Message us"), and "Email ID" (placeholder: "Your Email ID"). At the bottom of the form are three buttons: "SUBMIT", "CLEAR", and "BACK".

Result:

Thus a web page is designed by applying CSS properties.

Day 3:

DESIGN A RESPONSIVE WEB PAGE USING BOOTSRAP FRAMEWORK

Aim:

To design a responsive web page using Bootstrap Framework.

Description:

Page Structure Elements

HTML5 introduces several new page-structure elements that meaningfully identify areas of the page as headers, footers, articles, navigation areas, asides, figures and more. The page structure elements provided by HTML5 are:

- header
- section
- article
- aside
- navbar
- figure and figcaption
- meter
- mark
- wbr
- summary and details
- footer

I. header Element

The header element creates a header for this page that contains both text and graphics. The header element can be used multiple times on a page and can include HTML headings, navigation, images and logos and more. For an example, see the top of the front page of your favorite newspaper. time Element

The time element which does not need to be enclosed in a header, enables you to identify a date (as we do here), a time or both.

II. nav Element

The nav element groups navigation links. In this example, we used the heading Recent Publications and created a ul element with seven li elements that link to the corresponding web pages for each book.

III. figure Element and figcaption Element

The figure element describes a figure (such as an image, chart or table) in the document so that it could be moved to the side of the page or to another page. The figure element does not include any styling, but you can style the element using CSS. The figcaption element provides a caption for the image in the figure element.

IV. article Element

The article element describes standalone content that could potentially be used or distributed elsewhere, such as a news article, forum post or blog entry. You can nest article elements. For example, you might have reader comments about a magazine nested as an article within the magazine article.

V. summary Element and details Element

The summary element (line 92) displays a right-pointing arrow next to a summary or caption when the document is rendered in a browser (Fig. 3.19). When clicked, the arrow points downward and reveals the content in the details element (lines 91–125).

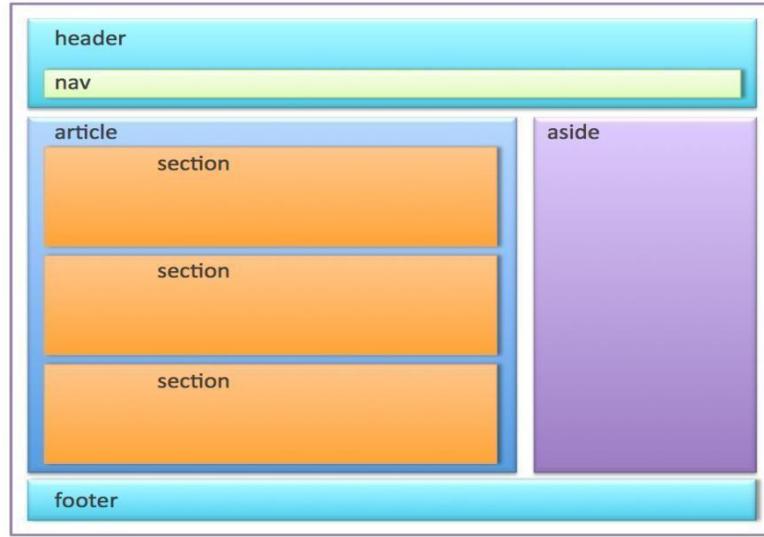
VI. section Element

The section element describes a section of a document, usually with a heading for each section—these elements can be nested. For example, you could have a section element for a book, then nested sections for each chapter name in the book. In this example, we broke the document into three sections—the first is Recent Publications (lines 21–43). The section element may also be nested in an article.

VII. aside Element

The aside element describes content that's related to the surrounding content (such as an article) but is somewhat separate from the flow of the text. For example, an aside in a news story might include some background history. A print advertisement might include an aside with product testimonials from users.

Basic Layout of a Web Page with Page Structure Elements



Program: Program using Bootstrap classes:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>KEC MINI MART</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"> <!--social media plugins-->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
<style>
.fff { justify-content:
    center; display: flex;
    border-radius: 5px;
}
.fakeimg { height:
    200px;
    background:
    #aaa;
}
.fa-instagram { color:
    rgb(16, 14, 14);
    width: 100%;
```

```
}

.fa { padding:
15px; font-size:
30px; width:
30px; text-align:
center;
text-decoration: none;
margin: 2px 1px;
}

.fa:hover {
    opacity: 0.7;
}

.img-fluid{
    height: 250px;
    width: 400px;
}

.container-fluid img {vertical-align: middle;}

.container-fluid .content {
background-image: url("blue.jpg");
background-repeat: no-repeat;
background-size: cover; padding:
50px; }

</style>
</head>
<body>
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<h1>KEC MINI MART</h1>
<p>Shop and Buy at your door step</p>
</div>
</div>
</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark"> <div class="container-fluid">
<ul class="navbar-nav">
<li class="nav-item">
```

```
<a class="nav-link active" href="4.php">Home</a>
</li>
<li class="nav-item">
    <a class="nav-link" href="5.php">Sign In</a>
</li>
<li class="nav-item">
    <a class="nav-link" href="6.php">Login</a>
</li>
<li class="nav-item">
    <a class="nav-link" href="3.php">Back</a>
</li>
</ul>
<form class="d-flex">
    <input class="form-control me-2" type="text" placeholder="Search">
    <button class="btn btn-primary" type="button">Search</button>
</form>
</div>
</nav>
<div class="container-fluid">
    <div class="row">
        <div class="col-3">
            
            <h3 class="mt-5">New at our Store</h3>
            <ul class="nav nav-pills flex-column">
                <li class="nav-item">
                    <a class="nav-link active" href="#">Special Bucket List Festvie Offer</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Chocolate</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Sweets</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Caramel nuts</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="#">Gulam jamun</a>
                </li>
            
```

```

<li class="nav-item">
  <a class="nav-link" href="#">White Chocolate</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Laddu</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Chips</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Marshmallows</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Honey cake</a>
</li>
<div class="dropdown">
  <button class="btn btn-primary dropdown-toggle" type="button" data-toggle="dropdown">Dairy
Products
</button>
<ul class="dropdown-menu">
  <li>Cheese</li>
  <li>Butter</li>
  <li>Ghee</li>
  <li>Milk</li>
</ul>
</div>
</ul>
</div>
<div class="col-xl-6">
  <h2 class="mt-5 p-3 bg-info text-white rounded">Dairy Fresh</h2>
  <h5>Avail your special offers</h5>
  <center></center>
  <h2 class="mt-5 p-3 bg-info text-white rounded">Straight from the farm</h2>
  <h5>Fresh Fruits and Vegetables</h5>
  <center></center>
</div>
<div class="col-xl-3">
  <h2 class="mt-5 p-3 bg-primary text-white rounded">Add to cart</h2>
  <p>Rice-1kg-Rs.100</p>
  <p>Sugar-1kg-Rs.100</p>

```

```

<p>Salt-1kg-Rs.100</p>
<p>Coffee-1kg-Rs.100</p>
<p>Dal-1kg-Rs.100</p>
<strong><h5>Spicy Masala</h5></strong>

<strong><h5>Nuts</h5></strong>

</div>
</div>
</div>
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<p>Contact</p>
<p>Phone:29899489230</p>
<p>Thanks for shopping</p>
<a href="#" class="fa fa-facebook"></a>
<a href="#" class="fa fa-twitter"></a>
<a href="#" class="fa fa-instagram"></a>
</div>
</div>
</div>
</div>
</body>
</html>

```

Output:

RESULT

Thus a web page has been designed using Bootstrap framework.

Day 3:

DESIGN A RESPONSIVE WEB PAGE USING BOOTSRAP FRAMEWORK

Aim:

To design a responsive web page using Bootstrap Framework.

Program

HOME PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Convertiz</title>
  <!-- Bootstrap CSS -->
  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
<style>
  /* Add custom styles here */
  .navbar{
    background-color:darkblack;
  }

  .navbar-nav .nav-link {
    color: #fffff !important;
    border-radius: 5px;
    /* Change text color */
  }
  .navbar-nav .nav-link:hover {
    background-color: #ede8f5 !important; /* Change background color on hover */
    color: #010101 !important; /* Change text color on hover */
  }

  .wavy {
```

```
position: relative;
background-color:skyblue;
/*background-color:#D21F3c;*/
font-size: 60px;
width:100%;
height:90px;
padding-top:0px;
color:white;
}
.wavy span {
font-family: 'Alfa Slab One', cursive;
position: relative;
display: inline-block;
color: #050505;
text-transform: uppercase;
animation: wavy 1s infinite;
animation-delay: calc(.1s * var(--i));
}

@keyframes wavy {
0%,40%,100% {
    transform: translateY(0)
}
20% {
    transform: translateY(-20px)
}
}
body{
/* background-image:linear-gradient(195deg,#4169e1,white);*/
background-repeat: no-repeat;
background-size: 1700px 1500px;
background-image: url('new.jpg');
}

.footer{
background-color: black;
color: white;
}
h3{
color: white;
font-family: "erac bold itc";
}
```

```

</style>
</head>
<body>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
        aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
            <li class="nav-item active">
                <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
            </li>

            <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
                    toggle="dropdown"
                    aria-haspopup="true" aria-expanded="false">
                    Length converter
                </a>
                <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                    <a class="dropdown-item" href="metertokm.php">Meter to Kilometer</a><div class="dropdown-
                    divider"></div>
                    <a class="dropdown-item" href="kilometertomiles.php">KiloMeter to miles</a><div
                    class="dropdown-divider"></div>
                    <a class="dropdown-item" href="metertocentimeter.php">Meter to Centimeter</a>
                </div>
            </li>
            <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
                    toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                    Time Converter
                </a>
                <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                    <a class="dropdown-item" href="hourstoseconds.php">Hours to seconds
                </a><div class="dropdown-divider"></div>
                    <a class="dropdown-item" href="hourstominutes.php">Hours to Minutes</a><div
                    class="dropdown-divider"></div>

```

```

        <a class="dropdown-item" href="secondstominutes.php">Seconds to Minutes</a>
    </div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
    toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Temperature converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to celsius</a><div class="dropdown-
        divider"></div>
        <a class="dropdown-item" href="celsiustokelvin.php">Celcius to Kelvin</a><div class="dropdown-
        divider"></div>
        <a class="dropdown-item" href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
    </div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
    toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Weight converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="kilogramtogram.php">KiloGram to Gram</a><div
        class="dropdown-divider"></div>
        <a class="dropdown-item" href="gramtopounds.php">Gram to pounds</a><div class="dropdown-
        divider"></div>
        <a class="dropdown-item" href="kilogramtopounds.php">KiloGram to pounds</a>
    </div>
</li>
<li class="nav-item ">
    <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item ">
    <a class="nav-link" href="login.php">Log In</a>
</li>
</ul>

</div>

</nav>
<div class="wavy">
<marquee><span style="--i:1">C</span>
<span style="--i:2">O</span>
<span style="--i:3">N</span>

```

```

<span style="--i:4">V</span>
<span style="--i:5">E</span>
<span style="--i:6">R</span>
<span style="--i:7">T</span>
<span style="--i:8">I</span>
<span style="--i:9">Z</span>
<span style="--i:10">.</span>
<span style="--i:11">C</span>
<span style="--i:12">O</span>
<span style="--i:13">M</span></marquee>
</div>
<center> <br>
<div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel" style="width: 1200px; height: 400px;">
<ol class="carousel-indicators">
<li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
<li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
<li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
<li data-target="#carouselExampleIndicators" data-slide-to="3"></li>
</ol>

<div class="carousel-inner">
<div class="carousel-item active">

<h3>Temprature Converter</h3>
</div>
<div class="carousel-item">

<h3>Length Converter</h3>
</div>
<div class="carousel-item">

<h3>Weight Converter</h3>
</div>
<div class="carousel-item">

<h3>Time Converter</h3>
</div>
</div>
<a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
<span class="carousel-control-prev-icon" aria-hidden="true"></span>
<span class="sr-only">Previous</span>
</a>
<a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">

```

```
<span class="carousel-control-next-icon" aria-hidden="true"></span>
<span class="sr-only">Next</span>
</a>
</div></center>
<br><br>
<div class="container"> <br><br>
<h1 style="color:white";>COMMON CONVERSIONS</h1><br>
<div class="row" style="color:white";>
<div class="col"><h4><u>LENGTH</u></h4></div>
<div class="col"><h4><u>TEMPERATURE</u></h4></div>
<div class="col"><h4><u>WEIGHT</u></h4></div>
<div class="col"><h4><u>TIME</u></h4></div>
<br>

</div>
<div class="row" style="color:white";>
<div class="col">Meter to Kilometer</div>
<div class="col">Kelvin to Celsius</div>
<div class="col">Kilogram to Pounds</div>
<div class="col">Hours to Seconds</div></div>
<div class="row" style="color:white";>
<div class="col">Kilometer to Miles</div>
<div class="col"> Celsius to Kelvin </div>
<div class="col">Gram to Pounds</div>
<div class="col">Seconds to Minutes</div></div>
<div class="row" style="color:white";>
<div class="col">Meter to Centimeter</div>
<div class="col">Fahrenheit to Celsius</div>
<div class="col">Kilogram to Gram</div>
<div class="col">Hours to Minutes</div></div>

</div>
</div>
<br>

<footer class="footer p-5" >

<div class="row">
<div class="col">
<h2>CONVERTIZ</h2>
</div>
```

```
<div class="col">
    <h5>About Us</h5>
    <p>
        Convertiz is a platform that helps you for different unit conversions.

    </p>
</div>
<div class="col">
    <h5>Contact Us</h5>
    <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
    </ul>
</div>

</div>
<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
</div>
</footer>
```

```
</body>
</html>
```

CONVERTER PAGE

Grams To Pounds

```
<!DOCTYPE html>
<html>
<head>
    <title>Unit Converter</title>
    <script>
        function convertGramsToPounds() {
            var inputGrams =
                parseFloat(document.getElementById("gramsInput").value);
            var pounds = inputGrams / 453.592;
            document.getElementById("poundsOutput2").innerHTML =
                pounds.toFixed(2) + " lbs";
        }
    </script>
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
        src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.mi
n.js"></script>
    <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min
.js"></script>
    <link
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css" rel="stylesheet">
    <style>
        /* Add custom styles here */
        .navbar{
            background-color:#3d52a0;
        }
        .footer{
            background-color:black;
            color:white;
        }
        body{
            background-repeat:no-repeat;
        }
    </style>
```

```
background-size:1700px 1500px;
background-image:url('new.jpg');
}
.navbar-nav .nav-link {
  color: #ffffff !important;
  border-radius: 5px;
  /* Change text color */
}
.navbar-nav .nav-link:hover {
  background-color: #ede8f5 !important; /* Change background
color on hover */
  color: #010101 !important; /* Change text color on hover */
}

.whole{
  margin-top: 100px;
  background-color: bisque;
  background-color: ;
  width:30%;
  height:300px;
  border-radius: 25px;
  margin-left: 550px;
  border-color: black;
  box-shadow: 20px;
  border-width: 2px;
  border-style: solid;
}
.head{
  margin: 10px;
  background-color: rgb(255, 151, 25);
  border-radius: 15px;
  font-weight: 200;
  height:50px;
  font-size: 30px;
  text-align: center;
}
.ans{
  background-color: rgb(255, 255, 255);
  margin-top: 0px;
  width:30%;
  height:30px;
  text-align: center;
  margin-left: 165px;
  border-radius: 25px;
  border-color: black;
  border-style: solid;
  border-width: 2px;
```

```

        }
        .input{
            width:60%;
            margin-left: 20%;
        }
    
```

</style>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

 </button>

 <div class="collapse navbar-collapse" id="navbarNav">

 <ul class="navbar-nav">

 <li class="nav-item active">

 Home (current)

 <li class="nav-item dropdown">

 Length converter

 <div class="dropdown-menu" aria-labelledby="navbarDropdown">

 Meter to Kilometer<div class="dropdown-divider"></div>

 KiloMeter to miles<div class="dropdown-divider"></div>

 Meter to Centimeter

 </div>

 <li class="nav-item dropdown">

Time Converter

 <div class="dropdown-menu" aria-labelledby="navbarDropdown">
 Hours to seconds<div class="dropdown-divider"></div>
 Hours to Minutes<div class="dropdown-divider"></div>
 Seconds to Minutes
 </div>

 <li class="nav-item dropdown">

 Temperature converter

 <div class="dropdown-menu" aria-labelledby="navbarDropdown">
 Kelvin to celsius<div class="dropdown-divider"></div>
 Celsius to Kelvin<div class="dropdown-divider"></div>
 Fahrenheit to Celsius
 </div>

 <li class="nav-item dropdown">

 Weight converter

 <div class="dropdown-menu" aria-labelledby="navbarDropdown">
 KiloGram to Gram<div class="dropdown-divider"></div>
 Gram to pounds<div class="dropdown-divider"></div>
 KiloGram to pounds
 </div>

```

</li>
<li class="nav-item ">
  <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item ">
  <a class="nav-link" href="login.php">Log In</a>
</li>

</ul>

</div>

</nav>
<div class="whole">
<p class="head">Grams to Pounds:</p>
<br>
<p class="input"><input type="number" id="gramsInput" class="form-control" placeholder="Enter grams" width="40px"></p>
<center><button onclick="convertGramsToPounds()" class="btn btn-dark">Convert</button></center>
<br>
<div class="ans"><p id="poundsOutput2"></p></div>
</div>
<br><br><br>
<footer class="footer p-5" >

  <div class="row">
    <div class="col">
      <h2>CONVERTIZ</h2>
    </div>
    <div class="col">
      <h5>About Us</h5>
      <p>
        Convertiz is a platform that helps you for different unit
        conversions.
      </p>
    </div>
    <div class="col">
      <h5>Contact Us</h5>
      <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
      </ul>
    </div>
  </div>

```

```

<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
</div>
</body>
</html>

```

Hours To Seconds

```

<!DOCTYPE html>
<html>
<head>
    <title>Unit Converter</title>
    <script>
        function convertHoursToSeconds() {
            var inputHours =
                parseFloat(document.getElementById("hoursInput1").value);
            var seconds = inputHours * 3600;
            document.getElementById("secondsOutput1").innerHTML =
                seconds + " seconds";
        }
    </script>
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
        src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.mi
n.js"></script>

```

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min  
.js"></script>  
<link  
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.  
min.css" rel="stylesheet">  
<style>  
    .navbar{  
        background-color:black;  
    }  
  
.navbar-nav .nav-link {  
    color: #fffff !important;  
    border-radius: 5px;  
    /* Change text color */  
}  
.navbar-nav .nav-link:hover {  
    background-color: #ede8f5 !important; /* Change background  
color on hover */  
    color: #010101 !important; /* Change text color on hover */  
}  
.footer{  
    background-color:black;  
    color:white;  
}  
body{  
    background-repeat:no-repeat;  
    background-size:1700px 1500px;  
    background-image:url('new.jpg');  
}  
.whole{  
    margin-top: 100px;  
    background-color: bisque;  
    background-color: ;  
    width:30%;  
    height:300px;  
    border-radius: 25px;  
    margin-left: 550px;  
    border-color: black;  
    box-shadow: 20px;  
    border-width: 2px;  
    border-style: solid;  
}  
.head{  
    margin: 10px;
```

```

background-color: rgb(255, 151, 25);
border-radius: 15px;
font-weight: 200;
height:50px;
font-size: 30px;
text-align: center;

}

.ans{
background-color: rgb(255, 255, 255);
margin-top: 0px;
width:30%;
height:30px;
text-align: center;
margin-left: 165px;
border-radius: 25px;
border-color: black;
border-style: solid;
border-width: 2px;
}

.input{
width:60%;
margin-left: 20%;

}

</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

<button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarNav"
aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item active">
<a class="nav-link" href="index.php">Home <span class="sr-
only">(current)</span></a>
</li>

<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

```

```
    Length converter
    </a>
    <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item" href="metertokm.php">Meter to
Kilometer</a><div class="dropdown-divider"></div>
        <a class="dropdown-item"
href="kilometertomiles.php">KiloMeter to miles</a><div
class="dropdown-divider"></div>
        <a class="dropdown-item"
href="metertocentimeter.php">Meter to Centimeter</a>
    </div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#">
id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
        Time Converter
    </a>
    <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item"
href="hourstoseconds.php">Hours to seconds
    </a><div class="dropdown-divider"></div>
        <a class="dropdown-item"
href="hourstominutes.php">Hours to Minutes</a><div
class="dropdown-divider"></div>
        <a class="dropdown-item"
href="secondstominutes.php">Seconds to Minutes</a>
    </div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#">
id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
        Temperature converter
    </a>
    <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item"
href="kelvintocelsius.php">Kelvin to celsius</a><div
class="dropdown-divider"></div>
        <a class="dropdown-item"
href="celsiustokelvin.php">Celcius to Kelvin</a><div
class="dropdown-divider"></div>
        <a class="dropdown-item"
href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
    </div>
```

```
</li>
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Weight converter
  </a>
  <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="kilogramtogram.php">KiloGram to Gram</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="gramtopounds.php">Gram to pounds</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="kilogramtopounds.php">KiloGram to pounds</a>
  </div>
</li>
<li class="nav-item ">
  <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item ">
  <a class="nav-link" href="login.php">Log In</a>
</li>
</ul>
</div>
</nav>
<div class="whole">
  <p class="head">Hours to seconds:</p>
  <br>
  <p class="input"><input type="number" id="hoursInput1" class="form-control" placeholder="Enter hours" width="40px"></p><br>
  <center><button onclick="convertHoursToSeconds()" class="btn btn-dark">Convert</button></center>
  <br>
  <div class="ans"><p id="secondsOutput1"></p></div>
  </div><br><br><br>
<footer class="footer p-5" >
  <div class="row">
    <div class="col">
      <h2>CONVERTIZ</h2>
    </div>
    <div class="col">
      <h5>About Us</h5>
      <p>
```

Convertiz is a platform that helps you for different unit conversions.

```
</p>
</div>
<div class="col">
    <h5>Contact Us</h5>
    <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
    </ul>
</div>

</div>
<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
</div>
</body>
</html>
```

Meter to Centimeter

```
<!DOCTYPE html>
<html>
<head>
```

```
<title>Unit Converter</title>
<script>
    function convertMToCM() {
        var inputMeters =
parseFloat(document.getElementById("metersInput").value);
        var centimeters = inputMeters * 100;
        document.getElementById("centimetersOutput").innerHTML =
centimeters + " cm";
    }
</script>
<script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.mi
n.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min
.js"></script>
<link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css" rel="stylesheet">
<style>
.navbar{
    background-color:#3d52a0;

}

.navbar-nav .nav-link {
    color: #fffff !important;
    border-radius: 5px;
    /* Change text color */
}
.navbar-nav .nav-link:hover {
    background-color: #ede8f5 !important; /* Change background
color on hover */
    color: #010101 !important; /* Change text color on hover */
}

.whole{
    margin-top: 100px;
    background-color: bisque;
    background-color: ;
    width:30%;
    height:300px;
    border-radius: 25px;
    margin-left: 550px;
    border-color: black;
    box-shadow: 20px;
}
```

```
border-width: 2px;
border-style: solid;
}
.head{

margin: 10px;
background-color: rgb(255, 151, 25);
border-radius: 15px;
font-weight: 200;
height:50px;
font-size: 30px;
text-align: center;
}
.ans{
background-color: rgb(255, 255, 255);
margin-top: 0px;
width:30%;
height:30px;
text-align: center;
margin-left: 165px;
border-radius: 25px;
border-color: black;
border-style: solid;
border-width: 2px;
}
.input{
width:60%;
margin-left: 20%;
}
.footer{
background-color:black;
color:white;
}
body{
background-repeat:no-repeat;
background-size:1700px 1500px;
background-image:url('new.jpg');
}
</style>
</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

<button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarNav"
```

```
aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item active">
<a class="nav-link" href="index.php">Home <span class="sr-
only">(current)</span></a>
</li>

<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
Length converter
</a>
<div class="dropdown-menu" aria-
labelledby="navbarDropdown">
<a class="dropdown-item" href="metertokm.php">Meter to
Kilometer</a><div class="dropdown-divider"></div>
<a class="dropdown-item"
href="kilometertomiles.php">KiloMeter to miles</a><div
class="dropdown-divider"></div>
<a class="dropdown-item"
href="metertocentimeter.php">Meter to Centimeter</a>
</div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
Time Converter
</a>
<div class="dropdown-menu" aria-
labelledby="navbarDropdown">
<a class="dropdown-item"
href="hourstoseconds.php">Hours to seconds
</a><div class="dropdown-divider"></div>
<a class="dropdown-item"
href="hourstominutes.php">Hours to Minutes</a><div
class="dropdown-divider"></div>
<a class="dropdown-item"
href="secondstominutes.php">Seconds to Minutes</a>
</div>
</li>
<li class="nav-item dropdown">
```

```
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Temperature converter
</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to celsius</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="celsiustokelvin.php">Celsius to Kelvin</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
</div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Weight converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="kilogramtogram.php">KiloGram to Gram</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="gramtopounds.php">Gram to pounds</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="kilogramtopounds.php">KiloGram to pounds</a>
    </div>
    </li>
    <li class="nav-item ">
        <a class="nav-link" href="registration.php">Sign Up</a>
    </li>
    <li class="nav-item ">
        <a class="nav-link" href="login.php">Log In</a>
    </li>
</ul>
</div>
</nav>
<div class="whole">
    <p class="head">Meters to CentiMeter</p>
```

```
<br>
<p class="input"><input type="number" id="metersInput"
class="form-control" placeholder="Enter meters"
width="40px"></p><br>
<center><button onclick="convertMToCM()" class="btn btn-
dark">Convert</button></center>
<br>
<div class="ans"><p id="centimetersOutput"></p></div>
</div>

<BR><BR><hr>
</div>
<footer class="footer p-5" >

<div class="row">
    <div class="col">
        <h2>CONVERTIZ</h2>
    </div>
    <div class="col">
        <h5>About Us</h5>
        <p>
            Convertiz is a platform that helps you for different unit
            conversions.
        </p>
        </div>
        <div class="col">
            <h5>Contact Us</h5>
            <ul class="list-unstyled">
                <li>Email: convertiz@gmail.com</li>
                <li>Phone: +1233567890</li>
                <li>Address: KEC Street, Erode, TamilNadu</li>
            </ul>
        </div>
    </div>
    <hr>
    <div class="row">
        <div class="col">
            <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
        </div>
        <div class="col">
            <ul class="list-inline footer-links">
                <li class="list-inline-item">
                    <a href="#" class="text-white">
                        Privacy Policy
                    </a>
                </li>
            </ul>
        </div>
    </div>
</div>
```

```

<li class="list-inline-item">
    <a href="#" class="text-white">
        Terms of Service
    </a>
</li>
<li class="list-inline-item">
    <a href="#" class="text-white">
        Sitemap
    </a>
</li>
</ul>
</div>
</div>
</div>
</body>
</html>a

```

Kelvin to Celsius

```

<!DOCTYPE html>
<html>
<head>
    <title>Unit Converter</title>
    <script>

        function convertKelvinToCelsius() {
            var inputKelvin =
                parseFloat(document.getElementById("kelvinInput").value);
            var celsius = inputKelvin - 273.15;
            document.getElementById("celsiusOutput1").innerHTML =
                celsius.toFixed(2) + " °C";
        }
    </script>
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
        src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.mi
n.js"></script>
    <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min
.js"></script>
    <link
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css" rel="stylesheet">
    <style>
        .navbar{

```

```
background-color:#3d52a0;

}

.navbar-nav .nav-link {
color: #ffffff !important;
border-radius: 5px;
/* Change text color */
}
.navbar-nav .nav-link:hover {
background-color: #ede8f5 !important; /* Change background
color on hover */
color: #010101 !important; /* Change text color on hover */
}
body{

}
.whole{
margin-top: 100px;
background-color: bisque;
background-color: ;
width:30%;
height:300px;
border-radius: 25px;
margin-left: 550px;
border-color: black;
box-shadow: 20px;
border-width: 2px;
border-style: solid;

}
.footer{
background-color:black;
color:white;
}
body{
background-repeat:no-repeat;
background-size:1700px 1500px;
background-image:url('new.jpg');
}
.head{

margin: 10px;
background-color: rgb(255, 151, 25);
border-radius: 15px;
```

```

        font-weight: 200;
        height:50px;
        font-size: 30px;
        text-align: center;
    }
    .ans{
        background-color: rgb(255, 255, 255);
        margin-top: 0px;
        width:30%;
        height:30px;
        text-align: center;
        margin-left: 165px;
        border-radius: 25px;
        border-color: black;
        border-style: solid;
        border-width: 2px;
    }
    .input{
        width:60%;
        margin-left: 20%;
    }

```

</style>

</head>

<body>

```

<nav
class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

    <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav"
        aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
            <li class="nav-item active">
                <a class="nav-link" href="index.php">Home <span class="sr-
only">(current)</span></a>
            </li>
            <li class="nav-item dropdown">

```

```
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Length converter
</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="metertokm.php">Meter to Kilometer</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="kilometertomiles.php">KiloMeter to miles</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="metertocentimeter.php">Meter to Centimeter</a>
</div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Time Converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="hourstoseconds.php">Hours to seconds
        </a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="hourstominutes.php">Hours to Minutes</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="secondstominutes.php">Seconds to Minutes</a>
    </div>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Temperature converter
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to celsius</a><div class="dropdown-divider"></div>
            <a class="dropdown-item" href="celsiustokelvin.php">Celcius to Kelvin</a><div class="dropdown-divider"></div>
```

```
<a class="dropdown-item"
href="fahrenheitocelsius.php">Fahrenheit to Celsius</a>
</div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
    Weight converter
</a>
<div class="dropdown-menu" aria-
labelledby="navbarDropdown">
<a class="dropdown-item"
href="kilogramtogram.php">KiloGram to Gram</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="gramtopounds.php">Gram to
pounds</a><div class="dropdown-divider"></div>
    <a class="dropdown-item"
href="kilogramtopounds.php">KiloGram to pounds</a>
    </div>
</li>
<li class="nav-item ">
    <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item ">
    <a class="nav-link" href="login.php">Log In</a>
</li>

</ul>

</div>

</nav>
<div class="whole">
<p class="head">Kelvin to Celsius:</p>
<br>
<p class="input"><input type="number" id="kelvinInput"
class="form-control" placeholder="Enter kelvin" width="40px"></p>
<center><button onclick="convertKelvinToCelsius()" class="btn
btn-dark">Convert</button></center>
<br>
<div class="ans"><p id="celsiusOutput1"></p></div>
</div><br><br><br>
<footer class="footer p-5" >
```

```
<div class="row">
  <div class="col">
    <h2>CONVERTIZ</h2>
  </div>
  <div class="col">
    <h5>About Us</h5>
    <p>
      Convertiz is a platform that helps you for different unit
      conversions.
    </p>
  </div>
  <div class="col">
    <h5>Contact Us</h5>
    <ul class="list-unstyled">
      <li>Email: convertiz@gmail.com</li>
      <li>Phone: +1233567890</li>
      <li>Address: KEC Street, Erode, TamilNadu</li>
    </ul>
  </div>
</div>
<hr>
<div class="row">
  <div class="col">
    <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
  </div>
  <div class="col">
    <ul class="list-inline footer-links">
      <li class="list-inline-item">
        <a href="#" class="text-white">
          Privacy Policy
        </a>
      </li>
      <li class="list-inline-item">
        <a href="#" class="text-white">
          Terms of Service
        </a>
      </li>
      <li class="list-inline-item">
        <a href="#" class="text-white">
          Sitemap
        </a>
      </li>
    </ul>
  </div>
</div>
```

```
    </div>
    </div>
    </div>
</footer>
</body>
</html>
```

Output:

HOME PAGE

localhost/23CSR107/Day%203/index.php

WELCOME TO CONVERTIZ

Home Length converter Time Converter Temperature converter Weight converter Sign Up Log In

CONVERTIZ.COM

Time Converter

COMMON CONVERSIONS

LENGTH Meter to Kilometer Kilometer to Miles Meter to Centimeter	TEMPERATURE Kelvin to Celsius Celsius to Kelvin Fahrenheit to Celsius	WEIGHT Kilogram to Pounds Gram to Pounds Kilogram to Gram	TIME Hours to Seconds Seconds to Minutes Hours to Minutes
----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------

CONVERTIZ

About Us
Convertiz is a platform that helps you for different unit conversions.

Contact Us
Email: convertiz@gmail.com
Phone: +1233567890
Address: KEC Street, Erode, TamilNadu

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Privacy Policy Terms of Service Sitemap

CONVERTER PAGE

LENGTH CONVERTER

A screenshot of a web browser displaying a length converter page. The URL in the address bar is `localhost:23CSR107/Day%203/metertokm.php`. The page has a dark background with a blue starry pattern. At the top, the text "WELCOME TO CONVERTIZ" is displayed in large, bold, white letters. Below the title is a navigation bar with links: Home, Length converter ▾, Time Converter ▾, Temperature converter ▾, Weight converter ▾, Sign Up, and Log In. The main content area features a light orange rounded rectangle containing the text "Meter to KiloMeter". Inside this box is a white input field with the placeholder "Enter meters" and a black "Convert" button below it.

TIME CONVERTER

A screenshot of a web browser displaying a time converter page. The URL in the address bar is `localhost:23CSR107/Day%203/hourstoseconds.php`. The page has a dark background with a blue starry pattern. At the top, the text "WELCOME TO CONVERTIZ" is displayed in large, bold, white letters. Below the title is a navigation bar with links: Home, Length converter ▾, Time Converter ▾, Temperature converter ▾, Weight converter ▾, Sign Up, and Log In. The main content area features a light orange rounded rectangle containing the text "Hours to seconds:". Inside this box is a white input field with the placeholder "Enter hours" and a black "Convert" button below it.

TEMPERATURE CONVERTER

The screenshot shows a web browser window with the URL `localhost/23CSR108/Day%203/kelvintocelsius.php`. The main title is "WELCOME TO CONVERTIZ". Below it is a navigation bar with links: Home, Length converter, Time Converter, Temperature converter (which is currently selected), Weight converter, Sign Up, and Log In. The main content area features a conversion form titled "Kelvin to Celsius:" with an input field labeled "Enter kelvin", a "Convert" button, and a result placeholder below it.

CONVERTIZ

About Us

Convertiz is a platform that helps you for different unit conversions.

Contact Us

Email: convertiz@gmail.com
Phone: +1233567890
Address: KFC Street, Erode, TamilNadu

WEIGHT CONVERTER

The screenshot shows a web browser window with the URL `localhost/23CSR108/Day%203/gramstopounds.php`. The main title is "WELCOME TO CONVERTIZ". Below it is a navigation bar with links: Home, Length converter, Time Converter, Temperature converter, Weight converter (which is currently selected), Sign Up, and Log In. The main content area features a conversion form titled "Grams to Pounds:" with an input field labeled "Enter grams", a "Convert" button, and a result placeholder below it.

CONVERTIZ

About Us

Convertiz is a platform that helps you for different unit conversions.

Contact Us

Email: convertiz@gmail.com
Phone: +1233567890
Address: KFC Street, Erode, TamilNadu

Result:

Thus a web page has been designed using Bootstrap framework.

Day 4:

DESIGN A WEB PAGE FOR SIGNUP AND LOGIN VALIDATION FORM USING JAVASCRIPT AND PHP.

Aim:

To design a web page for sign up and login validation form using JavaScript and PHP.

Description:

Tag	Description		
<input>	The <input> tag specifies an input field where the user can enter data.		
	Attribute	Value	Description
	type	Button, checkbox, color, date datetimelocal, email, file, hidden, image, month, number, password, radio, range reset, search submit, tel, text, time, url, Week	Specifies the type <input> element to display
	align	left, right, top, middle, bottom	Specifies the alignment of an image input (only for type="image")
	autocomplete	on, off	Specifies whether an <input> element should have autocomplete enabled
	autofocus	Autofocus	Specifies that an <input> element should automatically get focus when the page loads
	height	Pixels	Specifies the height of an <input> element (only for type="image")

	max	Number	Specifies the maximum value for an <input>
		Date	element
	maxlength	Number	Specifies the maximum number of characters allowed in an <input> element
	min	number date	Specifies a minimum value for an <input> element
	multiple	Multiple	Specifies that a user can enter more than one value in an <input> element
	name	Text	Specifies the name of an <input> element
	placeholder	Text	Specifies a short hint that describes the expected value of an <input> element
	required	Required	Specifies that an input field must be filled out before submitting the form
	size	Number	Specifies the width, in characters, of an <input> element
	value	Text	Specifies the value of an <input> element
	width	Pixels	Specifies the width of an <input> element (only for type="image")

<select>
<option> The <select> element is used to create a drop-down list.
The <option> tags inside the <select> element define the available options in the list.

<textarea> The

Attribute	Value	Description
cols	number	Specifies the visible width of a text area

<textarea> tag defines a multi-line text input control.

<button> The <button> tag defines a clickable button.

| Attribute | Value | Description |
|-----------|---------------------------|-------------------------------------------|
| type | button
reset
submit | Specifies the type of button |
| value | text | Specifies an initial value for the button |

Forms are used in webpages for the user to enter their required details that are further sent to the server for processing. The data entered into a form needs to be in the right format and certain fields need to be filled in order to effectively use the submitted form. JavaScript is used to validate the form.

Program:

Validation form for Sign Up page:

```
<?php      // server scripting language(used on the server side)
$registered=0; //variable to check success or failure
$userexists=0; if($_SERVER['REQUEST_METHOD']=='POST'){ //uisng request method and to
perform post operation
include 'server.php'; // uses the include statement to include all the files
$name=$_POST['name'];
$password=$_POST['password'];

// $con=new mysqli('localhost','root','','login');
//if($con){
// $sql="INSERT INTO data (email,password)
//VALUES ('$email', '$password')";
// $result=mysqli_query($con,$sql);
// if($result){
//   echo "Data inserted successfully";
// }else{
//   die(mysqli_error($con));
// }
//}
//else{
// die(mysqli_error($con));
// }

$sql="SELECT * FROM data WHERE name='$name';

$result=mysqli_query($con,$sql);
if($result){
$num=mysqli_num_rows($result); //It is generally used to check if data is present in the database or not
if($num>0){
//echo "User already exist";
$userexists=1;
}else{

$sql="INSERT INTO data (name,password)
VALUES ('$name','$password')";
$result=mysqli_query($con,$sql);
if($result){
//echo "Registered successfully";
$registered=1;
}else{
die(mysqli_error($con));
}
}
```

```
        }
    }
}

?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap 5 Website Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"><!--social media plugins-->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
<script> function
formValidation() {
    let x = document.forms["form2"]["name"].value;
    if(x == "") { //if the field is empty
        alert("Name must be filled out");
        return false;
    }
} function
newFunction(){
    document.getElementById("Form2").reset(); // used to access the id
}
</script>
<style>
    .mb-3.success input,.form-control.error input{
border-width:2px; border-color: green;
    }
h2{
    text-align:center;
}
div.formstyle{
    margin: 8px;
border: 1px solid rgb(17, 16, 16);
padding-inline: 50px; box-
shadow: 0 2px 10px black;
padding: 20px;;
}
.fakeimg { height:
200px;
background: #aaa;
}
```

```
.fa-twitter {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa-facebook {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa-instagram {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa { padding:
15px; font-size:
30px; width:
30px; text-align:
center;
text-decoration: none;
margin: 2px 1px;
}

.fa:hover {
  opacity: 0.7;
}

.bg { background:
"bg.jpg";
}

.container-fluid img {vertical-align: middle;}

.container-fluid .content {
background-image:
url("blue.jpg"); background-
repeat: no-repeat; background-
size: cover; padding: 50px;
}

</style>
</head>
<body>
<?php
if($userexists){ echo '<div class="alert alert-danger alert-dismissible fade
show" role="alert"> <strong>Error</strong> User already exist.
```

```

<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
?>
<?php
if($registered){ echo '<div class="alert alert-success alert-dismissible fade
show" role="alert"> <strong>Congrats</strong> You are successfully Signed
In.
<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
?>
<!-- header -->
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<h1>KEC MINI MART</h1>
<p>Shop and Buy at your door step</p>
</div>
</div>
</div>

<!--navbar-->
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
<div class="container-fluid">
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link active" href="4.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="5.php">Sign In</a>
</li>
<li class="nav-item">
<a class="nav-link" href="6.php">Login</a>
</li>
<li class="nav-item">
<a class="nav-link" href="3.php">Back</a>
</li>
</ul>
<form class="d-flex">
<input class="form-control me-2" type="text" placeholder="Search">
<button class="btn btn-primary" type="button">Search</button>
</form>
</div>
</nav>

```

```

<div class="container mt-3">
  <div class="row justify-content-md-center">
    <!-- SignIn form2-->

    <div class="col-xl-6">
      <div class="formstyle">
        <strong><font color="#6D2819" size="15" face="Curlz MT"><h2>Sign In</h2>
        <form action="5.php" method="post" id="Form2" name="form2" onSubmit="return formValidation()">

          <!--Name-->
          <div class="mb-3">
            <label for="name">Name:</label>
            <input type="name" name="name" class="form-control" id="name" placeholder="Enter the name">
          </div>

          <!--Password-->
          <div class="mb-3">
            <label for="password">Password:</label>
            <input type="password" name="password" class="form-control" id="password" placeholder="Enter password">
          </div>

          <div class="text-center">
            <button type="submit" class="btn btn-primary" value="Submit">Submit</button>
            <button type="button" class="btn btn-warning" onclick="newFunction()" value="Reset">Reset</button>
          </div>
        </form>
      </div>
    </div>
  </div>
</div>

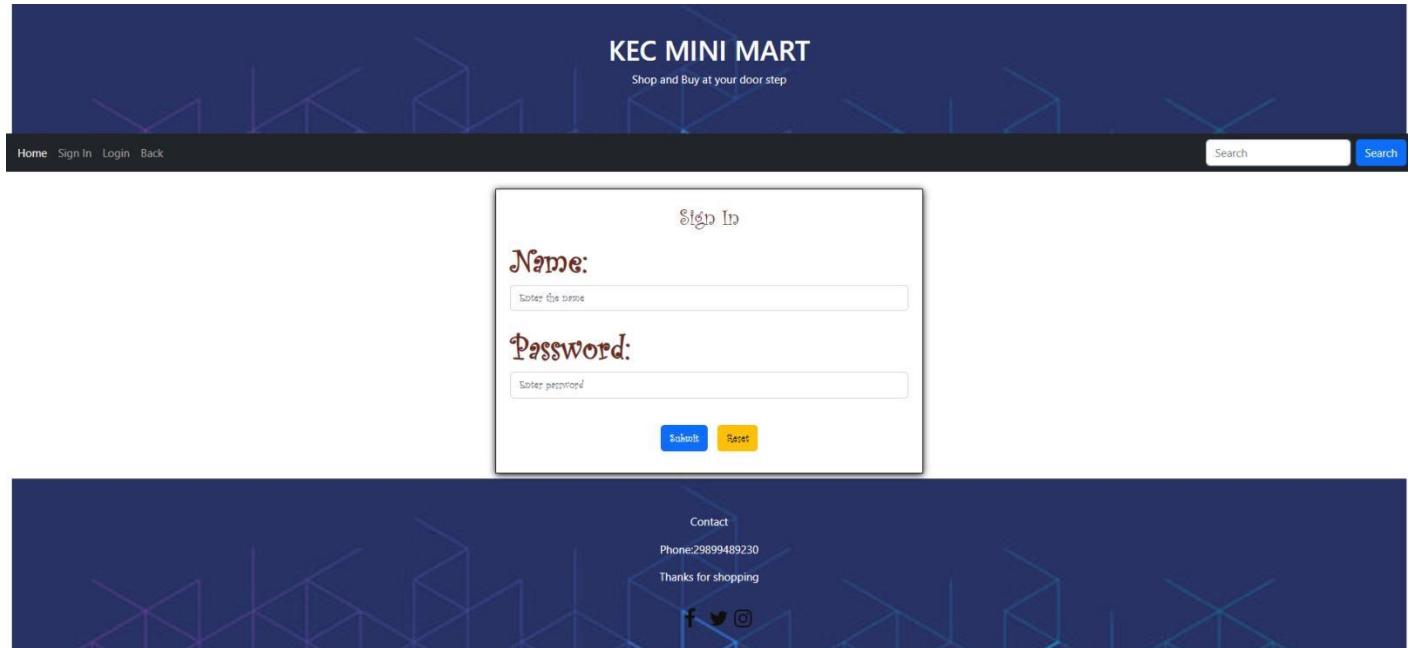
<!-- Footer -->
<div class="container-fluid">
  <div class="content">
    <div class="p-9 text-white text-center">
      <p>Contact</p>
      <p>Phone:29899489230</p>
      <p>Thanks for shopping</p>
      <a href="#" class="fa fa-facebook"></a>
      <a href="#" class="fa fa-twitter"></a>
      <a href="#" class="fa fa-instagram"></a>
    </div>
  </div>
</div>

```

```
</div>
</div>
</body>
</html>
```

Output:

Sign In Page:



Program:

Validation form for Login page:

```
<?php
$logged=0;
$invalid=0;
if($_SERVER['REQUEST_METHOD']=='POST'){
    include 'server.php';
    $name=$_POST['name'];
    $password=$_POST['password'];

    $sql="SELECT * FROM data WHERE name='".$name."' AND password='".$password."'";
    $result=mysqli_query($con,$sql);
    if($result){
        $num=mysqli_num_rows($result);
        if($num>0){
            //echo "Login Successful";
        }
    }
}
```

```
$logged=1;
session_start(); //no need to login again a session method is started with this function
$_SESSION['name']=$name;
header('location:sign.php');

}

else{
    //echo "Invalid Data";
    $invalid=1;
}

}

?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap 5 Website Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"> <!--social media plugins-->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
<script> function
formValidation() {
    let x = document.forms["form1"]["name"].value;
    if (x == "") {
        alert("Fill in the details");
        return false;
    }
} function
newFunction(){
    document.getElementById("Form1").reset();
}
</script>
<style>
    .mb-3.success input,.form-control.error input{
border-width:2px; border-color: green;
    }
h2{
    text-align:center;
}
div.formstyle{
    margin: 8px;
```

```
border: 1px solid rgb(17, 16, 16);
padding-inline: 50px; box-
shadow: 0 2px 10px black;
padding: 20px;;
}
.fakeimg { height:
200px;
background: #aaa;
}
.fa-twitter {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa-facebook {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa-instagram {
/* background: #ee0805;*/
color: rgb(16, 14, 14); width:
100%;
}
.fa { padding:
15px; font-size:
30px; width:
30px; text-align:
center;
text-decoration: none;
margin: 2px 1px;
}
.fa:hover {
    opacity: 0.7;
}

.bg { background:
"bg.jpg";
}
.container-fluid img {vertical-align: middle;}
.container-fluid .content {
background-image:
url("blue.jpg"); background-
repeat: no-repeat; background-
size: cover; padding: 50px;
```

```

}
</style>
</head>
<body>
<?php
if($invalid){ echo '<div class="alert alert-danger alert-dismissible fade show"
role="alert"> <strong>Error</strong> Invalid Credentials.
<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
?>

<?php
if($logged){ echo '<div class="alert alert-success alert-dismissible fade show"
role="alert"> <strong>Congrats</strong> You are successfully Logged In.
<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>';
}
?>
<!-- header -->
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<h1>KEC MINI MART</h1>
<p>Shop and Buy at your door step</p>
</div>
</div>
</div>

<!--navbar-->
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
<div class="container-fluid">
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link active" href="4.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="5.php">Sign In</a>
</li>
<li class="nav-item">
<a class="nav-link" href="5.php">Login</a>
</li>
<li class="nav-item">
<a class="nav-link" href="3.php">Back</a>
</li>

```

```

</ul>
<form class="d-flex">
  <input class="form-control me-2" type="text" placeholder="Search">
  <button class="btn btn-primary" type="button">Search</button>
</form>
</div>
</nav>
          <!-- login form-->
<div class="container mt-3">
  <div class="row justify-content-md-center">
    <div class="col-xl-6">
      <div class="formstyle">
        <strong><font color="#6D2819" size="15" face="Curlz MT"><h2>Login</h2>
        <form action="6.php" method="post" id="Form1" name="form1" onSubmit="return formValidation()"><!--
          Name-->
          <div class="mb-3">
            <label for="name">Name:</label>
            <input type="name" class="form-control" id="name" placeholder="Enter the Name" name="name">
          </div>
          <!--Password-->
          <div class="mb-3">
            <label for="pwd">Password:</label>
            <input type="password" class="form-control" id="password" placeholder="Enter password" name="password">
          </div>
        </div>
        <div class="text-center">
          <button type="submit" class="btn btn-primary">Login</button>
          <button type="button" class="btn btn-warning" onclick="newFunction()" value="Reset">Reset</button>
        </div>
      </strong></form>
    </div>
  </div>
</div>
          </div>
</div>
          <!-- Footer -->

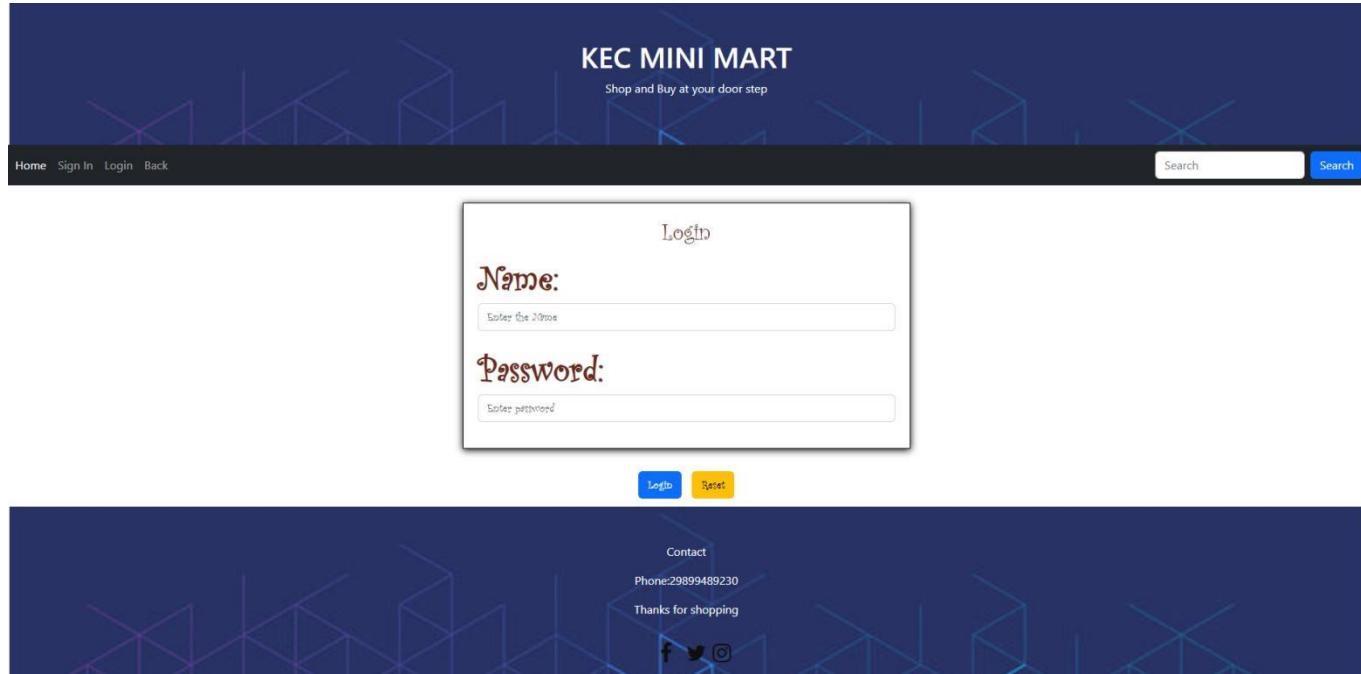
<div class="container-fluid">
  <div class="content">
    <div class="p-9 text-white text-center">
      <p>Contact</p>
      <p>Phone:29899489230</p>
      <p>Thanks for shopping</p>
      <a href="#" class="fa fa-facebook"></a>
      <a href="#" class="fa fa-twitter"></a>
    </div>
  </div>
</div>

```

```
<a href="#" class="fa fa-instagram"></a>
</div>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
```

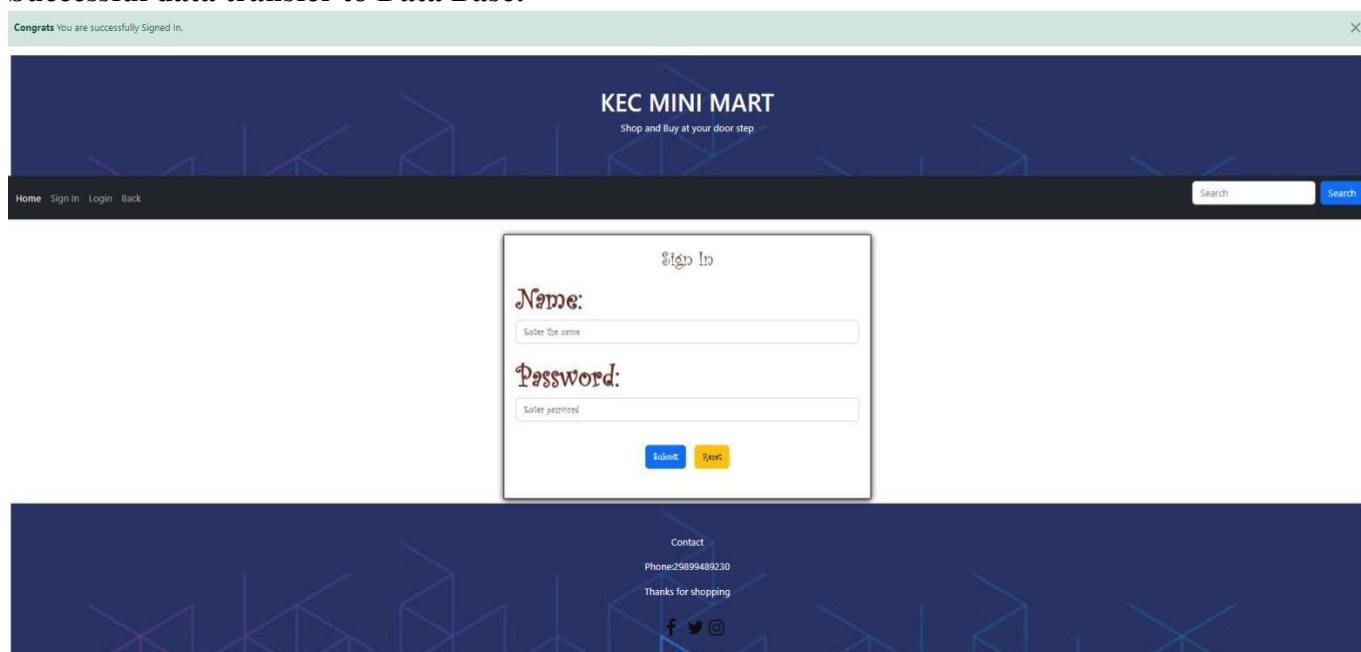
Output:

Login Page:

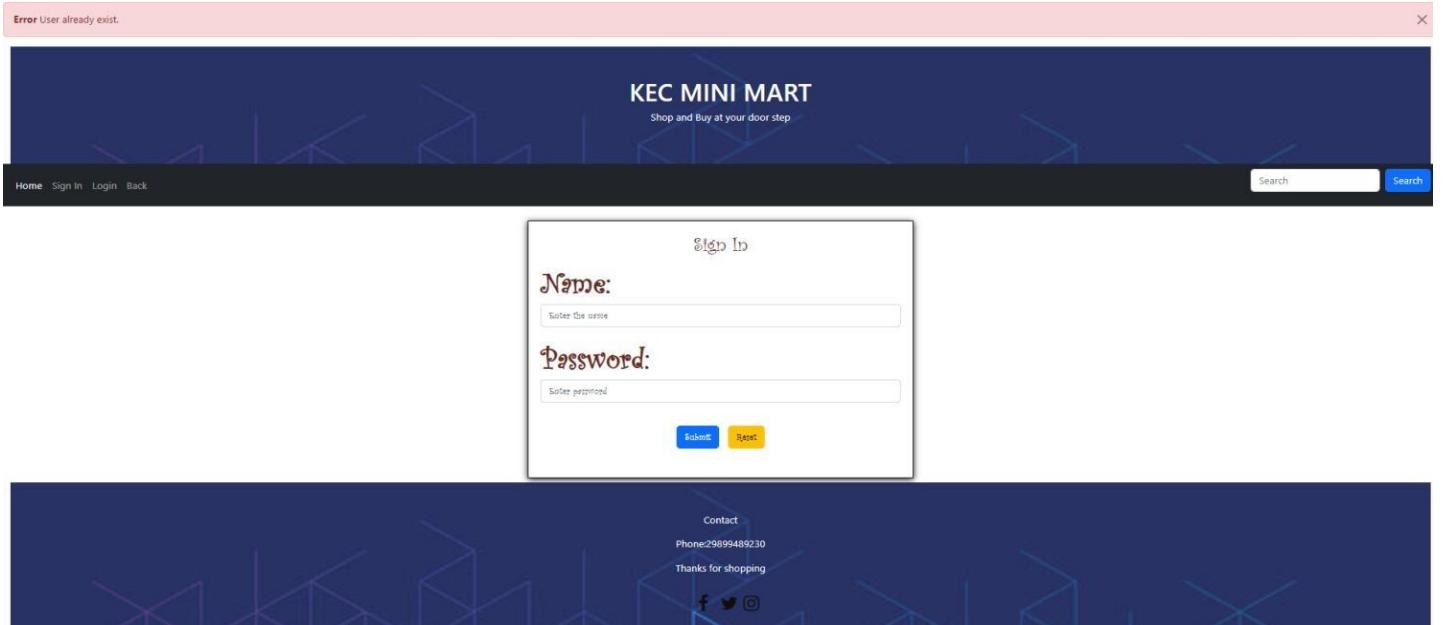


The screenshot shows the KEC MINI MART login page. At the top, there's a dark blue header with the text "KEC MINI MART" and "Shop and Buy at your door step". Below the header is a search bar with a "Search" button. The main content area has a light gray background and contains a "Login" form. The form has two input fields: "Name:" and "Password:", both with placeholder text "Enter the Name" and "Enter password". Below the inputs are two buttons: "Login" (blue) and "Reset" (yellow). In the bottom right corner of the page, there's contact information: "Contact", "Phone: 29899489230", and "Thanks for shopping" followed by social media icons for Facebook, Twitter, and Instagram.

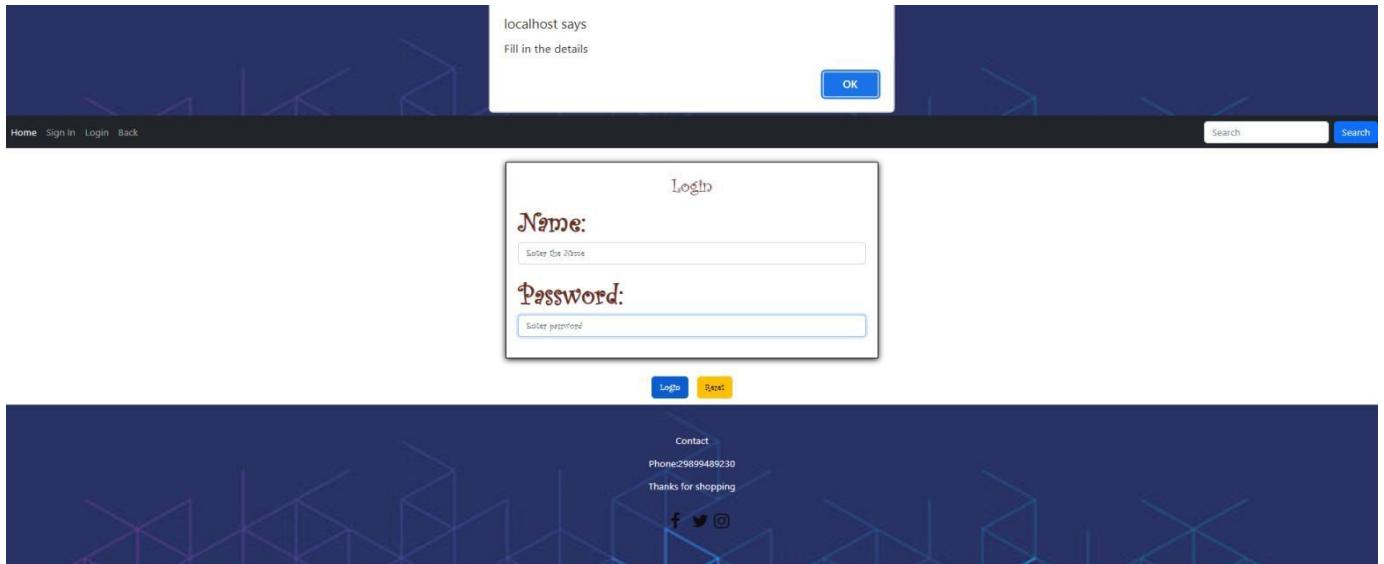
Successful data transfer to Data Base:



The screenshot shows the KEC MINI MART login page after a successful data transfer. A green banner at the top says "Congrats You are successfully Signed In." with a close button "X". The rest of the page is identical to the previous screenshot, featuring the "KEC MINI MART" header, search bar, "Login" form, and contact information in the bottom right.



Form Validation



Result:

Thus a sign up and login page has been created and the information in the form has been validated using JavaScript and PHP.

Day 4:

DESIGN A WEB PAGE FOR SIGNUP AND LOGIN VALIDATION FORM USING JAVASCRIPT AND PHP.

Aim:

To design a web page for sign up and login validation form using JavaScript and PHP.

Program:

```
<?php
$registered = 0;
$userexists = 0;

if($_SERVER['REQUEST_METHOD'] == 'POST') {
    include 'server.php';

    $username = $_POST['username'];
    $lastname = $_POST['lastname'];
    $age = $_POST['age'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $phoneno = $_POST['phoneno'];

    $sql = "SELECT * FROM signup WHERE username='$username'";
    $result = mysqli_query($con, $sql);

    if($result) {
        $num = mysqli_num_rows($result);
        if($num > 0) {
            $userexists = 1;
        } else {
            $sql = "INSERT INTO signup (username, lastname, age, email,
password, phoneno) VALUES ('$username', '$lastname', '$age',
'$email', '$password', '$phoneno')";
            $result = mysqli_query($con, $sql);
            if($result) {
                $registered = 1;
            } else {
                die(mysqli_error($con));
            }
        }
    }
}
```

```
        }
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.mi
n.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min
.js"></script>
    <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css" rel="stylesheet">
    <script>
        function formValidation() {
            let x = document.forms["form2"]["username"].value;
            if (x == "") {
                alert("Name must be filled out");
                return false;
            }
        }
        function newFunction() {
            document.getElementById("form2").reset();
        }
    </script>
    <style>
        @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;
500;600;700;800;900&display=swap');
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Poppins', sans-serif;
        }
    </style>

```

```
body{
    background-image: url('new.jpg');
    background-repeat:no-repeat;
background-size:1700px 1500px;
}

.wrapper {
    max-width: 600px;
    min-height: 300px;
    margin: 80px auto;
    padding: 40px 30px 30px 30px;
    background-color: #ecf0f3;
    border-radius: 15px;
    opacity: 0.9;
}

.logo {
    width: 80px;
    margin: auto;
}
.logo img {
    width: 100%;
    height: 80px;
    object-fit: cover;
    border-radius: 50%;
    box-shadow: 0px 0px 3px #5f5f5f, 0px 0px 0px 5px #ecf0f3,
8px 8px 15px #a7aaa7, -8px -8px 15px #fff;
}
.navbar {
    background-color: #3d52a0;
}
.navbar-nav .nav-link {
    color: #ffffff !important;
    border-radius: 5px;
}
.navbar-nav .nav-link:hover {
    background-color: #ede8f5 !important;
    color: #010101 !important;
}
.wrapper .name {
    font-weight: 600;
    font-size: 1.4rem;
    letter-spacing: 1.3px;
    padding-left: 10px;
```

```
        color: blue;
    }
.wrapper .form-field input {
    width: 100%;
    display: block;
    border: none;
    outline: none;
    background: none;
    font-size: 1.2rem;
    color: #666;
    padding: 10px 20px 15px 30px;
}
.wrapper .form-field {
    padding-left: 10px;
    margin-bottom: 30px;
    border-radius: 20px;
    box-shadow: inset 8px 8px 8px #cbced1, inset -8px -8px 8px
#fff;
}
.wrapper .form-field .fas {
    color: #555;
}
.wrapper .btn {
    box-shadow: none;
    width: 50%;
    height: 40px;
    background-color: #03A9F4;
    color: white;
    border-radius: 25px;
    box-shadow: 3px 3px 3px #b1b1b1, -3px -3px 3px #fff;
    letter-spacing: 1.4px;
}
.wrapper .btn:hover {
    background-color: #039BE5;
}
.wrapper a {
    text-decoration: none;
    font-size: 0.8rem;
    color: #03A9F4;
}
.wrapper a:hover {
    color: #039BE5;
}
@media(max-width: 380px) {
    .wrapper {
```

```

        margin: 30px 20px;
        padding: 40px 15px 15px 15px;
        background-color: blue;
    }
}
.footer {
    background-color: black;
    color:white;
}
</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">
    <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
            <li class="nav-item active">
                <a class="nav-link" href="index.php">Home <span
class="sr-only">(current)</span></a>
            </li>
            <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
                    Length converter
                </a>
                <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
                    <a class="dropdown-item"
href="metertokm.php">Meter to Kilometer</a>
                    <div class="dropdown-divider"></div>
                    <a class="dropdown-item"
href="kilometertomiles.php">KiloMeter to miles</a>
                    <div class="dropdown-divider"></div>
                    <a class="dropdown-item"
href="metertocentimeter.php">Meter to Centimeter</a>
                    </div>
                </li>

```

```
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Time Converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="hourstoseconds.php">Hours to seconds</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="hourstominutes.php">Hours to Minutes</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="secondstominutes.php">Seconds to Minutes</a>
        </div>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Temperature converter
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to celsius</a>
            <div class="dropdown-divider"></div>
            <a class="dropdown-item" href="celsiustokelvin.php">Celcius to Kelvin</a>
            <div class="dropdown-divider"></div>
            <a class="dropdown-item" href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
            </div>
        </li>
        <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                Weight converter
            </a>
            <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                <a class="dropdown-item" href="kilogramtogram.php">KiloGram to Gram</a>
```

```
<div class="dropdown-divider"></div>
<a class="dropdown-item"
href="gramtopounds.php">Gram to pounds</a>
<div class="dropdown-divider"></div>
<a class="dropdown-item"
href="kilogramtopounds.php">KiloGram to pounds</a>
</div>
</li>
<li class="nav-item">
    <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item">
    <a class="nav-link" href="login.php">Log In</a>
</li>
</ul>
</div>
</nav>
<div class="wrapper">
    <div class="logo">
        
    </div>
    <br>
    <div class="text-center mt-4 name">
        CONVERTIZ
    </div><br>
    <?php if ($registered == 1): ?>
        <div class="alert alert-success" role="alert">
            Registered Successfully!
        </div>
    <?php elseif ($userexists == 1): ?>
        <div class="alert alert-danger" role="alert">
            User Already Exists!
        </div>
    <?php endif; ?>
    <form class="p-3 mt-3" method="POST"
action="registration.php">
        <div class="form-field d-flex align-items-center">
            <span class="far fa-user"></span>
            <input type="text" name="username" id="username"
placeholder="Username">
        </div>
        <div class="form-field d-flex align-items-center">
            <span class="fas fa-key"></span>
            <input type="text" name="lastname" id="lastname"
placeholder="lastname">
        </div>
    </form>
</div>
```

```

        </div>
        <div class="form-field d-flex align-items-center">
            <span class="far fa-user"></span>
            <input type="number" name="age" id="age"
placeholder="age">
        </div>
        <div class="form-field d-flex align-items-center">
            <span class="fas fa-key"></span>
            <input type="email" name="email" id="email"
placeholder="email">
        </div>
        <div class="form-field d-flex align-items-center">
            <span class="far fa-user"></span>
            <input type="password" name="password" id="password"
placeholder="password">
        </div>
        <div class="form-field d-flex align-items-center">
            <span class="fas fa-key"></span>
            <input type="number" name="phoneno" id="phoneno"
placeholder="phoneno">
        </div>
        <div>
            <div style="float:left;width:50%;">
                <button type="submit" class="btn mt-3">SIGN
UP</button>
            </div>
            <div style="float:right;width:50%;">
                <button type="button" class="btn mt-3"
onclick="newFunction()">CLEAR</button>
            </div>
        </div>
    </form>
    <br>
</div>
<footer class="footer p-5">
    <div class="row">
        <div class="col">
            <h2>CONVERTIZ</h2>
        </div>
        <div class="col">
            <h5>About Us</h5>
            <p>
                Convertiz is a platform that helps you for different unit
conversions.
            </p>

```

```

</div>
<div class="col">
    <h5>Contact Us</h5>
    <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
    </ul>
</div>
</div>
<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
</footer>
</body>
</html>

```

VALIDATION FORM FOR SIGNUP PAGE

Output:

localhost/23CSR108/Day%203/registration.php

WELCOME TO CONVERTIZ

Home Length converter Time Converter Temperature converter Weight converter Sign Up Log In



CONVERTIZ

Registered Successfully!

Username

lastname

age

email

password

phoneno

SIGN UP

CLEAR

localhost/23CSR108/Day%203/registration.php

WELCOME TO CONVERTIZ

Home Length converter Time Converter Temperature converter Weight converter Sign Up Log In



CONVERTIZ

User Already Exists!

Username

lastname

age

email

password

phoneno

SIGN UP

CLEAR

Program:

```
<?php
$logged = 0;
$invalid = 0;

if($_SERVER['REQUEST_METHOD'] == 'POST') {
    include 'server.php';

    $username = $_POST['username'];
    $email = $_POST['email'];
    $password=$_POST['password'];

    $sql = "SELECT * FROM signup WHERE username='".$username'
AND password='".$password."'";
    $result = mysqli_query($con, $sql);

    if($result) {
        $num = mysqli_num_rows($result);
        if($num > 0) {
            $logged=1;
            session_start();
            $_SESSION['username']=$username;
            $_SESSION['email']=$email;
            header('location:signin.php'); // exit after header to prevent
further execution
        }
        else{
            $invalid=1;
        }
    }
}

?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
```

```
<script>
function formValidation(){
let x=document.forms["form2"]["username"].value;
if(x==""){
alert("Name must be filled out");
return false;
}
}
function newFunction(){
    document.getElementById("form2").reset();
}
</script>
<title>Document</title>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;
500;600;700;800;900&display=swap');

/* Add custom styles here */
.navbar{
    background-color:#3d52a0;

}

.navbar-nav .nav-link {
    color: #fffff !important;
    border-radius: 5px;
    /* Change text color */
}
.navbar-nav .nav-link:hover {
    background-color: #ede8f5 !important; /* Change background
color on hover */
    color: #010101 !important; /* Change text color on hover */
}
.footer{
    background-color:black;
    color:white;
}

/* Reseting */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
```

```
}

.navbar{
    background-color:#3d52a0;

}

.navbar-nav .nav-link {
    color: #fffff !important;
    border-radius: 5px;
    /* Change text color */
}
.navbar-nav .nav-link:hover {
    background-color: #ede8f5 !important; /* Change background
color on hover */
    color: #010101 !important; /* Change text color on hover */
}

.wrapper {
    max-width: 600px;
    min-height: 500px;
    margin: 80px auto;
    padding: 40px 30px 30px 30px;
    background-color:#ecf0f3;
    border-radius: 15px;
    opacity:0.9;
}

.logo {
    width: 80px;
    margin: auto;
}

.logo img {
    width: 100%;
    height: 80px;
    object-fit: cover;
    border-radius: 50%;
    box-shadow: 0px 0px 3px #5f5f5f,
                0px 0px 5px #ecf0f3,
                8px 8px 15px #a7aaa7,
                -8px -8px 15px #fff;
}

.wrapper .name {
    font-weight: 600;
    font-size: 1.4rem;
```

```
letter-spacing: 1.3px;
padding-left: 10px;
color: #555;
}

.wrapper .form-field input {
    width: 100%;
    display: block;
    border: none;
    outline: none;
    background: none;
    font-size: 1.2rem;
    color: #666;
    padding: 10px 15px 10px 10px;
    /* border: 1px solid red; */
}

.wrapper .form-field {
    padding-left: 10px;
    margin-bottom: 20px;
    border-radius: 20px;
    box-shadow: inset 8px 8px 8px #cbced1, inset -8px -8px 8px #fff;
}

.wrapper .form-field .fas {
    color: #555;
}

.wrapper .btn {
    box-shadow: none;
    width: 100%;
    height: 40px;
    background-color: #03A9F4;
    color:white;
    border-radius: 25px;
    box-shadow: 3px 3px 3px #b1b1b1,
                -3px -3px 3px #fff;
    letter-spacing: 1.3px;
}

body{
    background-image: url('new.jpg');
    background-repeat:no-repeat;
    background-size:100% 100%;
}

.wrapper .btn:hover {
    background-color: #039BE5;
```

```

}

.wrapper a {
    text-decoration: none;
    font-size: 0.8rem;
    color: #03A9F4;
}

.wrapper a:hover {
    color: #039BE5;
}

@media(max-width: 380px) {
    .wrapper {
        margin: 30px 20px;
        padding: 40px 15px 15px 15px;
    }
}

</style>
</head>
<body>
<?php
if($logged){
    echo'<div class="alert alert-success" role="button">
        <button type="button" class="btn-close" data-bs-
dismiss="alert"></button>
        <strong>Success!</strong><p>logged in </p>
    </div>';
}
if($invalid){
    echo'<div class="alert alert-danger" role="button">
        <button type="button" class="btn-close" data-bs-
dismiss="alert"></button>
        <strong>Failed!</strong><p>Invalid Credentials</p>
    </div>';
}
?>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-
top">

    <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav"
        aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

```

```
<div class="collapse navbar-collapse" id="navbarNav">
  <ul class="navbar-nav">
    <li class="nav-item active">
      <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
    </li>

    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Length converter
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="metertokm.php">Meter to Kilometer</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="kilometertomiles.php">KiloMeter to miles</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="metertocentimeter.php">Meter to Centimeter</a>
      </div>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Time Converter
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="hourstoseconds.php">Hours to seconds</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="hourstominutes.php">Hours to Minutes</a><div class="dropdown-divider"></div>
        <a class="dropdown-item" href="secondstominutes.php">Seconds to Minutes</a>
      </div>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Temperature converter
      </a>
    </li>
  </ul>
</div>
```

```
<div class="dropdown-menu" aria-
labelledby="navbarDropdown">
    <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to
celsius</a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="celsiustokelvin.php">Celsius
to Kelvin</a><div class="dropdown-divider"></div>
    <a class="dropdown-item"
href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
    </div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#">
        id="navbarDropdown" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">
            Weight converter
        </a>
        <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
            <a class="dropdown-item"
href="kilogramtogram.php">KiloGram to Gram</a><div
class="dropdown-divider"></div>
            <a class="dropdown-item" href="gramtopounds.php">Gram to
pounds</a><div class="dropdown-divider"></div>
            <a class="dropdown-item"
href="kilogramtopounds.php">KiloGram to pounds</a>
            </div>
        </li>
        <li class="nav-item ">
            <a class="nav-link" href="registration.php">Sign Up</a>
        </li>
        <li class="nav-item ">
            <a class="nav-link" href="login.php">Log In</a>
        </li>
    </ul>
</div>
</nav>
<div class="wrapper">
    <div class="logo">
        
    </div>
    <br>
    <div class="text-center mt-4 name">
        CONVERTIZ
    </div><BR>
```

```

<form class="p-3 mt-3" method="POST" action="login.php">
  <div class="form-field d-flex align-items-center">
    <span class="far fa-user"></span>
    <input type="username" name="username" id="username"
placeholder="username">
  </div><BR>
  <div class="form-field d-flex align-items-center">
    <span class="far fa-user"></span>
    <input type="email" name="email" id="email"
placeholder="email">
  </div><BR>
  <div class="form-field d-flex align-items-center">
    <span class="fas fa-key"></span>
    <input type="password" name="password" id="password"
placeholder="password">
  </div>
  <button type="submit" class="btn mt-3">Login</button>
</form>
<div class="text-center fs-6"><BR>
  <h3><a href="registration.php">Sign up</a></h3>
</div>
</div>
<hr>
<footer class="footer p-5" >

  <div class="row">
    <div class="col">
      <h2>CONVERTIZ</h2>
    </div>
    <div class="col">
      <h5>About Us</h5>
      <p>
        Convertiz is a platform that helps you for different unit
conversions.
      </p>
    </div>
    <div class="col">
      <h5>Contact Us</h5>
      <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
      </ul>
    </div>
  </div>

```

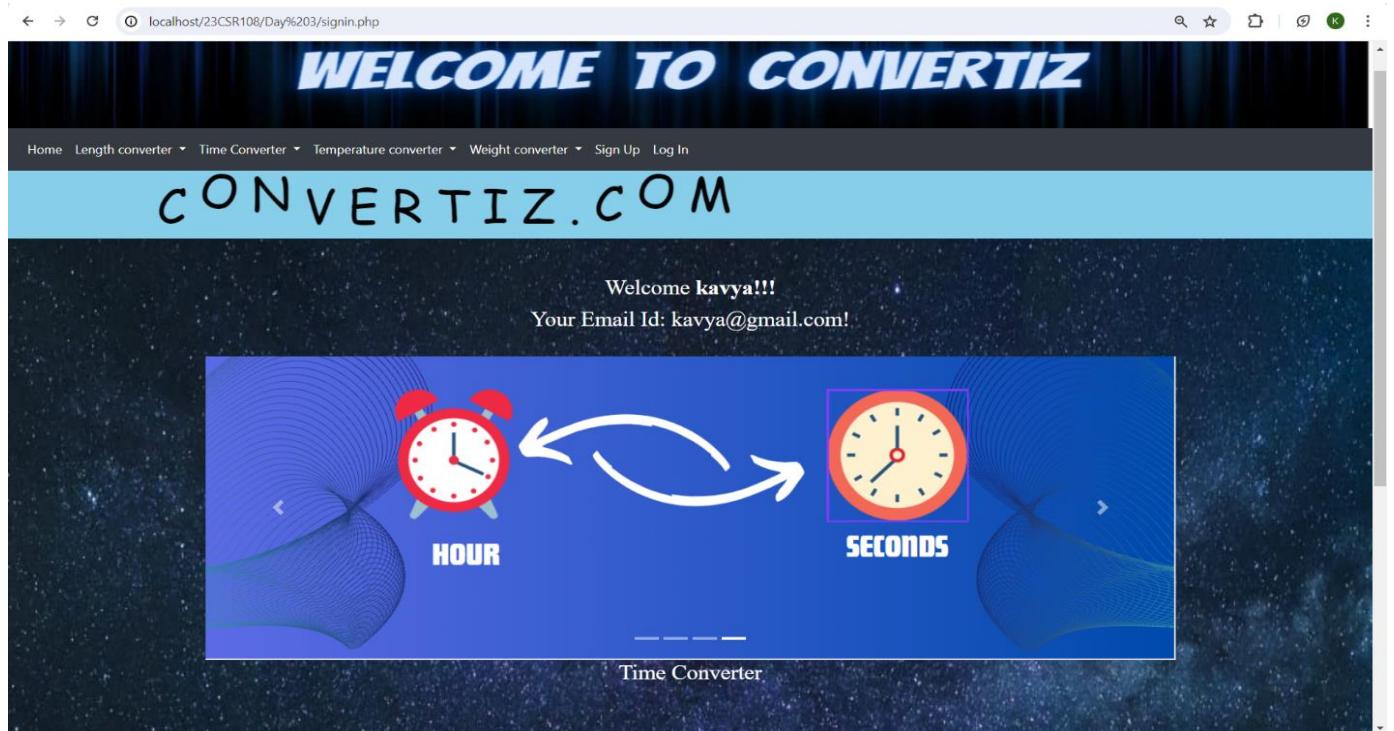
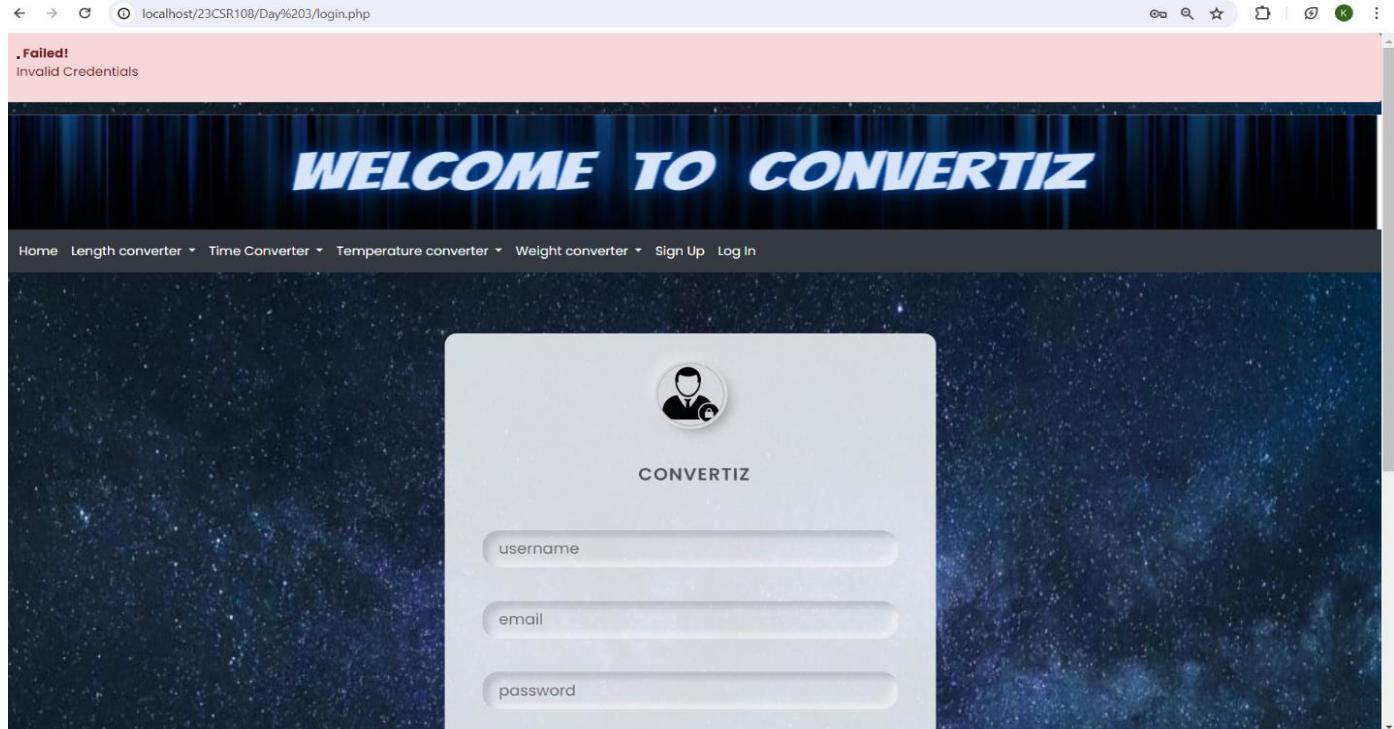
```
<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
</div>
</body>
</html>
```

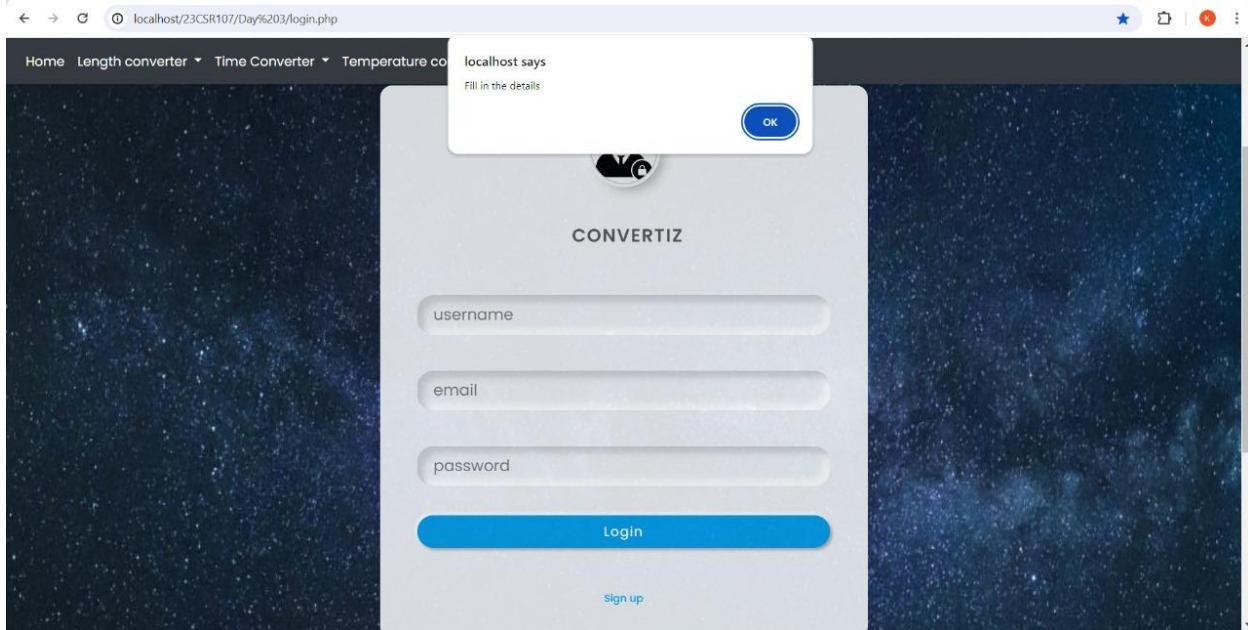
VALIDATION FORM FOR LOGIN

Output:

The screenshot shows a web browser window with the URL `localhost/23CSR108/Day%203/login.php`. The page has a dark blue background with a starry space theme. At the top, it says "WELCOME TO CONVERTIZ". Below the header is a navigation bar with links: Home, Length converter, Time Converter, Temperature converter, Weight converter, Sign Up, and Log In. The main content area contains a login form with a user icon. The form fields are labeled "username", "email", and "password". A large red error message "Validation Failed" is displayed above the "password" field. Below the form is a "Sign up" link.

The screenshot shows a web browser window with the URL `localhost/23CSR108/Day%203/login.php`. The page has a dark blue background with a starry space theme. At the top, it says "WELCOME TO CONVERTIZ". Below the header is a navigation bar with links: Home, Length converter, Time Converter, Temperature converter, Weight converter, Sign Up, and Log In. The main content area contains a login form with a user icon. The form fields are labeled "username", "email", and "password". The "password" field contains "kavya". Below the form is a "Sign up" link. The validation message "Validation Failed" is no longer present.





Result:

Thus a sign up and login page has been created and the information in the form has been validate using JavaScript and PHP.

Day: 5

DESIGN A WEBSITE WITH DATABASE CONNECTIVITY USING PHP, MYSQL AND HOST THE WEBSITE IN THE SERVER

Aim:

To develop a Website to maintain the Database using PHP, MYSQL and deploy in the Server.

Description:

- <style> - Define style information for an HTMLdocument.
- <?php ?>-php start and endtag
- Extract()-Imports variables into the local symbol table from an array
- Die() - Prints a message and exits the currentscript
- Mysql_connect()-Open a connection to MYSQLserver
- Mysql_querry() –Execute the given querry and return theresult
- Mysql_error() -Returns the last error description for the most recent functioncall
- Mysql_fetch_row()-Fetches one row from aresult-set
- Mysql_close()-Terminate the connection to mysqlserver

Program:

PHP program to connect with the Database ('server.php')

```
<?php
$HOSTNAME='localhost';
$USERNAME='root';
$PASSWORD="";
$DATABASE='login';

$con=mysqli_connect($HOSTNAME,$USERNAME,$PASSWORD,$DATABASE);
if($con){ echo "Connection successful";
} else{
die(mysqli_error($con));
}
?>
<?php // server scripting language(used on the server side)
$success=0; //variable to check success or failure
$user=0;
if($_SERVER['REQUEST_METHOD']=='POST'){ //using request method and perform post operation include
'connect.php';
$name=$_POST['name'];
```

```

$password=$_POST['password'];

$sql="SELECT * FROM data WHERE name='$name'";

$result=mysqli_query($con,$sql);
if($result){
    $num=mysqli_num_rows($result);
    if($num>0){
        // echo "User already exist";
        $user=1;
    }else{

        $sql="INSERT INTO data (name,password)
VALUES ('$name', '$password')";
        $result=mysqli_query($con,$sql);
        if($result){
            //echo "Registered successfully";
            $success=1;
        }else{
            die(mysqli_error($con));
        }
    }
}
?>

```

Program:

Users Validated Account of login page

```

<?php
session_start();
if(!isset($_SESSION['name'])){
    header('location:6.php');
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>KEC MINI MART</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"> <!--social media plugins-->

```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script> <style>
.fff { justify-content: center; display: flex; border-radius: 5px; }
.fakeimg { height: 200px; background: #aaa; }
.fa-instagram { color: rgb(16, 14, 14); width: 100%; }
.fa { padding: 15px; font-size: 30px; width: 30px; text-align: center; text-decoration: none; margin: 2px 1px; }
.fa:hover { opacity: 0.7; }
.img-fluid{ height: 250px; width: 400px; }

.container-fluid img {vertical-align: middle;}

.container-fluid .content {
background-image: url("blue.jpg");
background-repeat: no-repeat;
background-size: cover; padding: 50px; }
</style>
</head>
<body>
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<h1>KEC MINI MART</h1>
<p>Shop and Buy at your door step</p>
</div>
</div>
```

```
</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <div class="container-fluid">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link active" href="4.php">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="5.php">Sign In</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="6.php">Login</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="3.php">Back</a>
      </li>
    </ul>
  <form class="d-flex">
    <input class="form-control me-2" type="text" placeholder="Search">
    <button class="btn btn-primary" type="button">Search</button>
  </form>
  </div>
</nav>
<div class="container-fluid">
  <div class="row">
    <div class="col-xl-3">
      
      <h3 class="mt-5">Welcome
        <?php echo $_SESSION['name'];
        ?>
      </h3>
      <ul class="nav nav-pills flex-column">
        <li class="nav-item">
          <a class="nav-link active" href="#">Special Bucket List Festvie Offer</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Chocolate</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Sweets</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Caramel nuts</a>
        </li>
      </ul>
    </div>
  </div>
</div>
```

```

</li>
<li class="nav-item">
  <a class="nav-link" href="#">Gulam jamun</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">White Chocolate</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Laddu</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Chips</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Marshmallows</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Honey cake</a>
</li>
<div class="dropdown">
  <button class="btn btn-primary dropdown-toggle" type="button" data-toggle="dropdown">Dairy
Products
</button>
  <ul class="dropdown-menu">
    <li>Cheese</li>
    <li>Butter</li>
    <li>Ghee</li>
    <li>Milk</li>
  </ul>
</div>
</ul>
</div>
<div class="col-xl-6">
  <h2 class="mt-5 p-3 bg-info text-white rounded">Dairy Fresh</h2>
  <h5>Avail your special offers</h5>
  <center></center>
  <h2 class="mt-5 p-3 bg-info text-white rounded">Straight from the farm</h2>
  <h5>Fresh Fruits and Vegetables</h5>
  <center></center>
</div>
<div class="col-xl-3">
  <h2 class="mt-5 p-3 bg-primary text-white rounded">Add to cart</h2>
  <p>Rice-1kg-Rs.100</p>
  <p>Sugar-1kg-Rs.100</p>

```

```

<p>Salt-1kg-Rs.100</p>
<p>Coffee-1kg-Rs.100</p>
<p>Dal-1kg-Rs.100</p>
<strong><h5>Spicy Masala</h5></strong>

<strong><h5>Nuts</h5></strong>

</div>
</div>
</div>
<div class="container-fluid">
<div class="content">
<div class="p-9 text-white text-center">
<p>Contact</p>
<p>Phone:29899489230</p>
<p>Thanks for shopping</p>
<a href="#" class="fa fa-facebook"></a>
<a href="#" class="fa fa-twitter"></a>
<a href="#" class="fa fa-instagram"></a>
</div>
</div>
</div>
</div>
</div>
</body>
</html>

```

Procedure for creating Database:

- Database connectivity in localhost ○ Goto-> <http://localhost/phpmyadmin>
- Creating a Database: New->database name-> Create
- Creating Database table-> table name->Number of Columns-> Save

Output:

phpMyAdmin

Server: 127.0.0.1 » Database: login » Table: data

Browse Structure SQL Search Insert Export Import

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are disabled.

Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.) [password: ... - KEC1...]

```
SELECT * FROM `data` ORDER BY `password` ASC
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

name	password
iniya	cse
0	kec
kec@gmail.com	KEC
kec1@gmail.com	kec1

KEC MINI MART
Shop and Buy at your door step

Home Sign In Login Back Search Search

Dairy Fresh
Avail your special offers



Add to cart

- Rice-1kg-Rs.100
- Sugar-1kg-Rs.100
- Salt-1kg-Rs.100
- Coffee-1kg-Rs.100
- Dal-1kg-Rs.100

Spicy Masala

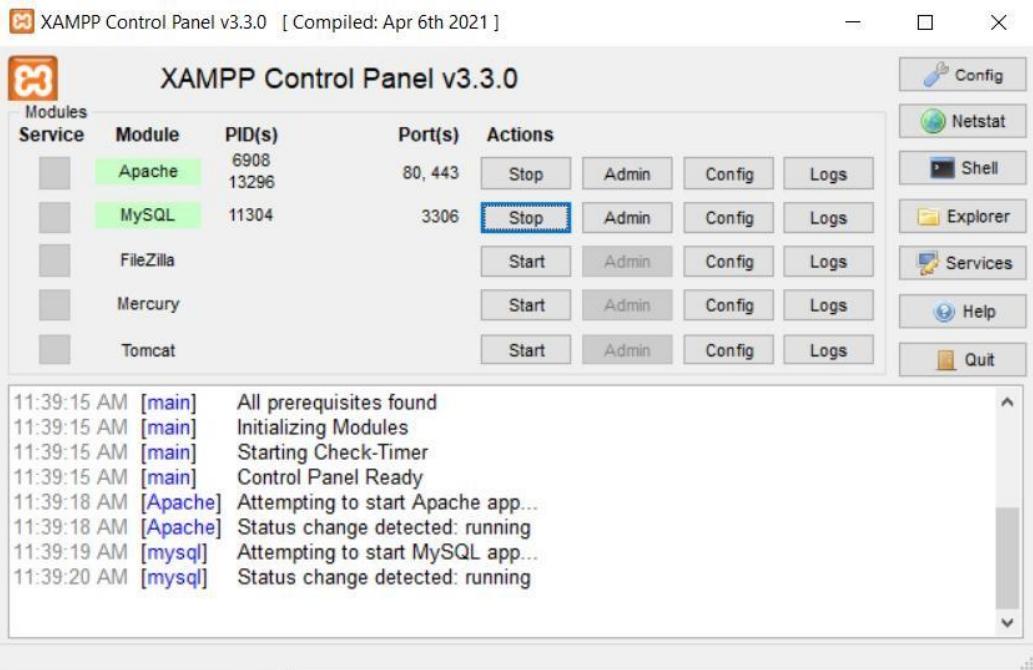


Spices List
Popular Types Of Spices

Nuts

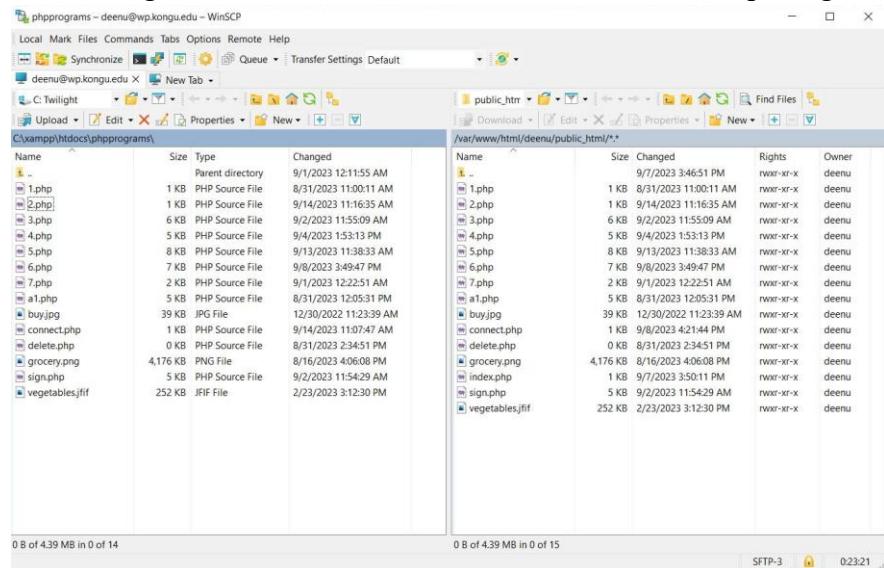


Execution of the code in localhost using Xampp server Xampp server



Web hosting of the Website

- Install WinSCP-> Open -> (Client side)Upload File.
- Login with Username and Password. □ View in wp.kongu.edu/ ~webpage name



Result:

Thus a Database was created using MySql and connectivity was established using PHP and deployed in the server successfully.

Day: 5

DESIGN A WEBSITE WITH DATABASE CONNECTIVITY USING PHP, MYSQL AND HOST THE WEBSITE IN THE SERVER

Aim:

To develop a Website to maintain the Database using PHP, MYSQL and deploy it in the Server.

Program:

PHP PROGRAM TO CONNECT WITH DATABASE('server.php')

```
<?php
$HOSTNAME='localhost';
$USERNAME='cseb30';
$PASSWORD='cseb30';
$DATABASE='cseb30';
$con=mysqli_connect($HOSTNAME,$USERNAME,$PASSWORD,$DATABASE); if($con)
{ echo "Connection
Successful";
} else{
die(mysqli_error($con));
}
?>
<?php
$registered = 0;
$userexists = 0;

if($_SERVER['REQUEST_METHOD'] == 'POST') {
    include 'server.php';

    $username = $_POST['username'];
    $lastname=$_POST['lastname'];
    $age=$_POST['age'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $phoneno = $_POST['phoneno'];

    $sql = "SELECT * FROM convertiz WHERE username='$username'";
    $result = mysqli_query($con, $sql);
```

```

if ($result) {
    $num = mysqli_num_rows($result);
    if ($num > 0) {
        // echo "User Already Exists";
        $userexists = 1;
    } else {
        $sql = "INSERT INTO convertiz (username, lastname, age, email, password, phoneno)
VALUES ('$username', '$lastname', '$age', '$email', '$password', '$phoneno')";
        $result = mysqli_query($con, $sql);
        if ($result) {
            // echo "Registered Successfully";
            $registered = 1;
        } else {
            die(mysqli_error($con));
        }
    }
}
?>

```

Program:

USERS VALIDATED ACCOUNT OF LOGIN PAGE

```

<?php
$logged = 0;
$invalid = 0;

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    include 'server.php';

    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];

    $sql = "SELECT * FROM signup WHERE username='$username' AND
password='$password'";
    $result = mysqli_query($con, $sql);

    if ($result) {
        $num = mysqli_num_rows($result);
        if ($num > 0) {
            $logged = 1;
            session_start();
            $_SESSION['username'] = $username;
        }
    }
}
?>

```

```

$_SESSION['email']=$email;
header('location:signin.php'); // exit after header to prevent further execution
}
else{
$invalid=1;

}

?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
<script>
function formValidation() {
let x = document.forms["form2"]["username"].value;
if (x == "") {
alert("Fill in the details"); return false;
}
} function newFunction(){
document.getElementById("Form2").reset();
}
</script>

<title>Document</title>
<style>
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700;800;900&display=swap');

/* Add custom styles here */
.navbar{

```

```
background-color:#3d52a0;

}

.navbar-nav .nav-link {
  color: #ffffff !important;
  border-radius: 5px;
  /* Change text color */
}

.navbar-nav .nav-link:hover {
  background-color: #ede8f5 !important; /* Change background color on hover */
  color: #010101 !important; /* Change text color on hover */
}

.footer{
  background-color:black;
  color:white;
}

/* Reseting */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
}

.navbar{
  background-color:#3d52a0;

}

.navbar-nav .nav-link {
  color: #ffffff !important;
  border-radius: 5px;
  /* Change text color */
}

.navbar-nav .nav-link:hover {
  background-color: #ede8f5 !important; /* Change background color on hover */
  color: #010101 !important; /* Change text color on hover */
}

.wrapper {
```

```
max-width: 600px;
min-height: 500px;
margin: 80px auto;
padding: 40px 30px 30px 30px;
background-color:#ecf0f3;
border-radius: 15px;
opacity:0.9;
}

.logo {
  width: 80px;
  margin: auto;
}

.logo img {
  width: 100%;
  height: 80px;
  object-fit: cover;
  border-radius: 50%;
  box-shadow: 0px 0px 3px #5f5f5f,
    0px 0px 0px 5px #ecf0f3,
    8px 8px 15px #a7aaa7,
    -8px -8px 15px #fff;
}

.wrapper .name {
  font-weight: 600;
  font-size: 1.4rem;
  letter-spacing: 1.3px;
  padding-left: 10px;
  color: #555;
}

.wrapper .form-field input {
  width: 100%;
  display: block;
  border: none;
  outline: none;
  background: none;
  font-size: 1.2rem;
  color: #666;
  padding: 10px 15px 10px 10px;
  /* border: 1px solid red; */
}
```

```
.wrapper .form-field {  
    padding-left: 10px;  
    margin-bottom: 20px;  
    border-radius: 20px;  
    box-shadow: inset 8px 8px 8px #cbced1, inset -8px -8px 8px #fff;  
}  
  
.wrapper .form-field .fas {  
    color: #555;  
}  
  
.wrapper .btn {  
    box-shadow: none;  
    width: 100%;  
    height: 40px;  
    background-color: #03A9F4;  
    color:white;  
    border-radius: 25px;  
    box-shadow: 3px 3px 3px #b1b1b1,  
              -3px -3px 3px #fff;  
    letter-spacing: 1.3px;  
}  
body{  
    background-image: url('new.jpg');  
    background-repeat:no-repeat;  
    background-size:100% 100%;  
}  
  
.wrapper .btn:hover {  
    background-color: #039BE5;  
}  
  
.wrapper a {  
    text-decoration: none;  
    font-size: 0.8rem;  
    color: #03A9F4;  
}  
  
.wrapper a:hover {  
    color: #039BE5;  
}  
  
@media(max-width: 380px) {
```

```

.wrapper {
    margin: 30px 20px;
    padding: 40px 15px 15px 15px;
}
}

</style>
</head>
<body>
<?php
if($logged){
    echo'<div class="alert alert-success" role="button">
<button type="button" class="btn-close" data-bs-dismiss="alert"></button>
<strong>Success!</strong><p>logged in </p>
</div>';
}
if($invalid){
    echo'<div class="alert alert-danger" role="button">
<button type="button" class="btn-close" data-bs-dismiss="alert"></button>
<strong>Failed!</strong><p>Invalid Credentials</p>
</div>';
}
?>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item active">
    <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
</li>

<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
toggle="dropdown"
        aria-haspopup="true" aria-expanded="false">
        Length converter
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="metertokm.php">Meter to Kilometer</a><div
        class="dropdown-divider"></div>

```

```
<a class="dropdown-item" href="kilometertomiles.php">KiloMeter to miles</a><div
class="dropdown-divider"></div>
<a class="dropdown-item" href="metertocentimeter.php">Meter to Centimeter</a>
</div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Time Converter
</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="hourstoseconds.php">Hours to seconds
    </a><div class="dropdown-divider"></div>
    <a class="dropdown-item" href="hourstominutes.php">Hours to Minutes</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="secondstominutes.php">Seconds to Minutes</a>
    </div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Temperature converter
</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="kelvintocelsius.php">Kelvin to celsius</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="celsiustokelvin.php">Celcius to Kelvin</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="fahrenheittocelsius.php">Fahrenheit to Celsius</a>
    </div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Weight converter
</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="kilogramtogram.php">KiloGram to Gram</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="gramtopounds.php">Gram to pounds</a><div
class="dropdown-divider"></div>
    <a class="dropdown-item" href="kilogramtopounds.php">KiloGram to pounds</a>
    </div>
</li>
```

```
<li class="nav-item ">
  <a class="nav-link" href="registration.php">Sign Up</a>
</li>
<li class="nav-item ">
  <a class="nav-link" href="login.php">Log In</a>
</li>

</ul>

</div>

</nav>
<div class="wrapper">
  <div class="logo">
    
  </div>
  <br>
  <div class="text-center mt-4 name">
    CONVERTIZ
  </div><BR>
  <form class="p-3 mt-3" method="POST" action="login.php" id="form1" name="form2"
onsubmit="return formValidation()">
    <div class="form-field d-flex align-items-center">
      <span class="far fa-user"></span>
      <input type="username" name="username" id="username" placeholder="username">
    </div><BR>
    <div class="form-field d-flex align-items-center">
      <span class="far fa-user"></span>
      <input type="email" name="email" id="email" placeholder="email">
    </div><BR>
    <div class="form-field d-flex align-items-center">
      <span class="fas fa-key"></span>
      <input type="password" name="password" id="password" placeholder="password">
    </div>
    <button type="submit" class="btn mt-3">Login</button>
  </form>
  <div class="text-center fs-6"><BR>
    <h3> <a href="registration.php">Sign up</a></h3>
  </div>
</div>
<hr>
<footer class="footer p-5" >

  <div class="row">
```

```
<div class="col">
    <h2>CONVERTIZ</h2>
</div>
<div class="col">
    <h5>About Us</h5>
    <p>
        Convertiz is a platform that helps you for different unit conversions.
    </p>
</div>
<div class="col">
    <h5>Contact Us</h5>
    <ul class="list-unstyled">
        <li>Email: convertiz@gmail.com</li>
        <li>Phone: +1233567890</li>
        <li>Address: KEC Street, Erode, TamilNadu</li>
    </ul>
</div>

</div>
<hr>
<div class="row">
    <div class="col">
        <p>© 2024 Your CONVERTIZ. All rights reserved.</p>
    </div>
    <div class="col">
        <ul class="list-inline footer-links">
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Privacy Policy
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Terms of Service
                </a>
            </li>
            <li class="list-inline-item">
                <a href="#" class="text-white">
                    Sitemap
                </a>
            </li>
        </ul>
    </div>
</div>
```

```

    </div>
</div>
</footer>
</body>
</html>

```

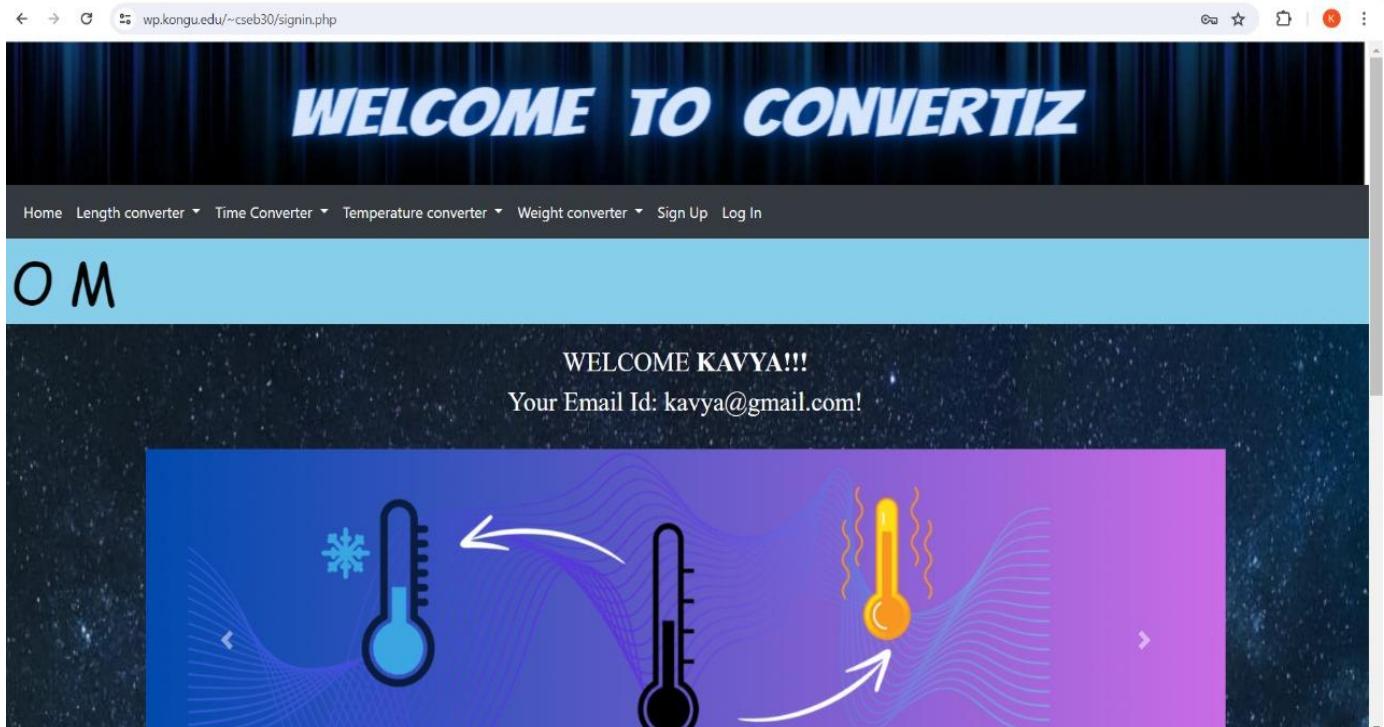
Procedure for creating Database:

- Database connectivity in localhost ○ Goto-> <http://localhost/phpmyadmin>
- Creating a Database: New->database name-> Create
- Creating Database table-> table name->Number of Columns-> Save

Output:

The screenshot shows the phpMyAdmin interface for the database 'cseb30'. The 'signup' table is selected. The table structure is as follows:

username	lastname	age	email	password	phoneno
kavya	M	19	kavya@gmail.com	1234	1234567890
ddd	ddd	23	d@q.com	ddd	1234567890
Latha	M	19	Latha@gmail.com	1234	1234567890



Execution of the code in localhost using Xampp server Xampp server

A screenshot of the XAMPP Control Panel v3.3.0 interface. The top bar shows the title 'XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]'. The main area displays a table of services with columns: Service, Module, PID(s), Port(s), and Actions. Services listed include Apache (PID 3740, 6412), MySQL (PID 25696), FileZilla, Mercury, and Tomcat. To the right of the table are buttons for Config, Netstat, Shell, Explorer, Services, Help, and Quit. Below the table is a log window showing the following entries:

```
12:56:04 [mysql] Status change detected: stopped
12:56:05 [mysql] Attempting to start MySQL app...
12:56:05 [mysql] Status change detected: running
12:56:10 [Apache] Attempting to stop Apache (PID: 25120)
12:56:10 [Apache] Attempting to stop Apache (PID: 24164)
12:56:10 [Apache] Status change detected: stopped
12:56:13 [Apache] Attempting to start Apache app...
12:56:13 [Apache] Status change detected: running
```

Web hosting of the Website

- Install WinSCP-> Open -> (Client side)Upload File.
- Login with Username and Password. □ View in wp.kongu.edu/~webpage name

Result:

Thus a Database was created using MySql and connectivity was established using PHP and deployed in the server successfully.

