

Musaliar College of Engineering & Technology

MUSALIAR COLLEGE P.O., PATHANAMTHITTA - 689 653



LABORATORY RECORD

Certified that this is the Bonafide Record of the work done by

Sri/Smt.....

of..... Semester Class of(Roll No.....)

of Branch

in the Laboratory

during the academic year 20 - 20

Name of Examination

Reg. No.

External Examiner

Staff in- charge

DEPARTMENT OF COMPUTER APPLICATIONS

VISION

“To produce competent and dynamic professionals in the field of Computer Applications to thrive and cater the changing needs of the society through research and education”.

MISSION

To impart high quality technical education and knowledge in Computer Applications. To introduce moral, ethical and social values to Computer Application students. To establish industry institute interaction to enhance the skills of Computer Application students. To promote research aimed towards betterment of society.

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PROGRAM NO. 1

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Different Html tags

Objectives : HTML program to create a simple HTML file to demonstrate the use of different tags.

Input:

```

<!DOCTYPE html>

<html>

<head>

<title> Basic Html Tags</title>

</head>

<body>

<marquee > Basic HTML Tags</marquee>

<a name="top"></a>

<center><FONT COLOR="#0000FF"><a href="#heading"> Heading
Tags</a></FONT></center>

<center><FONT COLOR="#0000FF"><a href="#text"> Text
Elements</a></FONT> </center>

<center><FONT COLOR="#0000FF"> <a href="#line">Line break
Tags</a></FONT></center>

<center><FONT COLOR="#0000FF"><a href="#block"> BLOCK QUOTE
Tags</a></FONT></center>

```

```
<center><FONT COLOR="#0000FF"><a href="#pre"> PRE  
Tags</a></FONT></center>

<center> <FONT COLOR="#0000FF"><a href="#logical"> Logical style</a>  
</FONT></center>

<center> <FONT COLOR="#0000FF"><a href="#physical"> Physical style</a>  
</FONT></center>

<center> <FONT COLOR="#0000FF"><a href="#List"> Listing Tags</a>  
</FONT></center>

<a name="heading"></a>

<center><FONT COLOR="#FF0000" size=5> Heading Tags => font size-18 pt,  
colour-RED

</FONT></center>

<h1 align="center"> Heading H1 - 24 pt</h1>

<h2 align="right"> Heading H2 - 18 pt</h2>

<h3 align="left"> Heading H3 - 12 pt bold</h3>

<h4> Heading H4 - 12 pt</h4>

<h5> Heading H5 - 10 pt </h5>

<h6> Heading H6 - 7 pt </h6>

<font size=7> font size-36 pt, </font>

<font size=6> font size-24 pt, </font>

<font size=5> font size-18 pt, </font>

<font size=4> font size-12 pt bold, </font>

<font size=3> font size-12 pt plain, </font>

<font size=2> font size-9 pt. </font>
```

```

<br>

<a href="#top">Top </a>

<hr>

<a name="text"></a>

<a href="#heading">First </a>&nbsp;&nbsp;<a href="#line">Next </a>

<center><FONT COLOR="#00FF00" size=4> Text Elements => font size-12 pt,
colour-GREEN

</FONT> </center>

<p>This is a paragraph tag.

```

HTML 5

One of the most important technologies on this list doesn't fully exist yet — HTML 5
— but

in 2008, key features started to trickle out.

HTML 5 will eventually replace HTML 4.01, the dominant programming language
currently used to</p>

```

<a href="#top">top </a>

<hr>

<a name="line"></a>

<a href="#text">prev </a>&nbsp;&nbsp;<a href="#block">Next </a>

<center><FONT COLOR="#0000FF"> Line break Tags => colour-BLUE
</FONT></center>

```

This is a long piece of text consisting of three

sentences and shows you the functions of the

Line Break tag. This tag is used quite frequently

to add line breaks in the HTML code. It is also used

to add blank lines to a document.


```
<a href="#top">top </a>
```

```
<hr>
```

```
<a href="#line">prev</a>&nbsp;&nbsp;<a href="#pre">Next </a>
```

```
<a name="block"></a>
```

```
<center><FONT COLOR="#0000FF"> BLOCK QUOTE Tags</FONT></center>
```

```
<p>This is some text before the quotation.</p>
```

```
<blockquote>This is a long blockquote created with the <blockquote> tag.</blockquote>
```

```
</blockquote>
```

```
<a href="#top">top </a>
```

```
<hr>
```

```
<a name="pre"></a>
```

```
<a href="#block">prev</a>&nbsp;&nbsp;<a href="#logical">Next </a>
```

```
<center><FONT COLOR="#0000FF"> PRE Tags</FONT></center>
```

```
<pre>
```

JAVA

OOPS LAB

WEB LAB

```
</PRE>
```

```
<a href="#top">top </a>
```

```
<HR>
```

```

<a href="#pre">prev </a>&nbsp;&nbsp;<a name="logical"></a>
<a href="#physical">Next </a>

<center> <FONT COLOR="#0000FF"> Logical style </FONT></center>

This is <b>bold</b> This is bold<br>

This is <big>big font</big> This is big font<br>

This is <i>italic</i> This is italic<br>

Was <s>$50</s>; now $40 Was $50; now $40<br>

This is <small>small</small> This is small<br>

H<sub>2</sub>O H2O<br>

May 5<sup>th</sup> 2005 May 5th 2005<br>

<tt>fixed-width font</tt> fixed-width font<br>

This is <u>underlined</u> This is underlined<br>

<!DOCTYPE html>

```

Output:

Basic HTML Tags
[Heading Tags](#)
[Text Elements](#)
[Line break Tags](#)
[BLOCK QUOTE Tags](#)
[PRE Tags](#)
[Logical style](#)
[Physical style](#)
[Listing Tags](#)

Heading Tags => font size-18 pt, colour-RED

Heading H1 - 24 pt

Heading H2 - 18 pt

Heading H3 - 12 pt bold

Heading H4 - 12 pt

Heading H5 - 10 pt

Heading H6 - 7 pt

font size-36 pt, font size-24 pt, font size-18 pt, font size-12 pt bold, font size-12 pt plain, font size-9 pt

[Top](#)

[First](#) [Next](#) [Text Elements](#) => font size-12 pt, colour-GREEN

This is a paragraph tag. HTML 5 One of the most important technologies on this list doesn't fully exist yet — HTML 5 — but in 2008, key features started to trickle out. HTML 5 will eventually replace HTML 4.01, the dominant programming language currently used to

[top](#)

prev Next	Line break Tags => colour-BLUE
This is a long piece of text consisting of three sentences and shows you the functions of the Line Break tag. This tag is used quite frequently to add line breaks in the HTML code. It is also used to add blank lines to a document.	
top	
prev Next	BLOCK QUOTE Tags
This is some text before the quotation.	
This is a long blockquote created with the tag.	
top	
prev Next	PRE Tags
JAVA OOPS LAB WEB LAB	
top	
prev Next	Logical style
This is bold This is bold This is <big>big</big> font This is big font This is <i>italic</i> This is italic Was \$50; now \$40 Was \$50; now \$40 This is small This is small H ₂ O H ₂ O May 5 th 2005 May 5th 2005 fixed-width font fixed-width font This is <u>underlined</u> This is underlined	

Result/Observation

Successfully completed the Html program and output is obtained.

PROGRAM NO. 2

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Hyperlink

Objectives : HTML program to Create a HTML file to link to different HTML page which contains images, tables, and also link within a page.

Input:

mainpage.html

```
<html>
<head>
</head>
<body><center>
<h2><a href="timetable.html">TABLE TABLE</a></h2><br>
</center>
</body>
</html>
```

timetable.html

```
<html>
<head>
<style>
table, th, td {
border: 1px solid black;
```

```
border-collapse: collapse;  
}  
  
th, td {  
background-color: #96D4D4;  
}  
  
th, td {  
border-color: blue;  
}  
  
</style>  
  
<title>time table</title>  
  
</head>  
  
<body>  
  
<center>  
  
</center>  
  
<h1 align="center"><u><b><font color="black">TIME TABLE</b></u></h1>  
  
<table align="center" cellspacing=20 cellpadding=20>  
  
<tr>  
  
<th>DAY</th>  
  
<th>1</th>  
  
<th>2</th>  
  
<th>3</th>  
  
<th>4</th>  
  
<th>5</th>
```

```
<th>6</th>

</tr>

<tr align="center">

<th>MONDAY</th>

<td colspan="2">MFC</td>

<td>DFCA</td>

<td colspan="2">ASE</td>

<td>ADS</td>

</tr>

<tr align="center">

<th>TUESDAY</th>

<td colspan="3">PROGRAMMING LAB</td>

<td>ASE</td>

<td colspan="2">MOOC COURSE</td>

</tr>

<tr align="center">

<th>WEDNESDAY</th>

<td colspan="3">ADS LAB</td>

<td>ASE</td>

<td>ADS</td>

<td>LIB</td>

</tr>

<tr align="center">
```

```
<th>THURSDAY</th>

<td colspan="3">WEB DESIGNING LAB</td>

<td>ASE</td>

<td>MFC</td>

<td>EIT</td>

</tr>

<tr align="center">

<th>FRIDAY</th>

<td>MFC</td>

<td>DFCA</td>

<td>ASE</td>

<td>ADS</td>

<td>MFC</td>

<td>ASE</td>

</tr>

</body>

</html>
```

Output:**TABLE TABLE****TIME TABLE**

DAY	1	2	3	4	5	6
MONDAY	MFC	DFCA		ASE		ADS
TUESDAY	PROGRAMMING LAB		ASE	MOOC COURSE		
WEDNESDAY	ADS LAB		ASE	ADS	LIB	
THURSDAY	WEB DESIGNING LAB		ASE	MFC	EIT	
FRIDAY	MFC	DFCA	ASE	ADS	MFC	ASE

Result/Observation

Successfully completed the Html program and output is obtained.

PROGRAM NO. 3

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Frames

Objectives : HTML program to create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.

Input:

home.html

```
<html>

<frameset rows="25%,75%">

<frame src="head.html">

<frameset cols="25%,50%,25%">

<frame src="history.html">

<frame src="faculty.html">

<frame src="login.html">

</frameset>

</frameset>

</html>
```

head.html

```
<html>

<body><h1><marquee><big><big><big>Computer Application
Department</big></big></big></marquee></h1>
```

```
<font size="5" color="red">

<pre>MCA @ Musaliar College of Engineering and Technology ,
Pathanamthitta</p>Affiliated To KTU

</font>

</body>

</html>
```

history.html

```
<html>

<body><h1><big>History and About The Department</big></marquee></h1>

<font size="4" color="green">

<pre>The College was started <br>in the year 2001<br>BTech were the first
<br>course started here.<br>

<p>The College is comfortably<br>located in town of <br>pathanamthitta</p>

</font>

</body>

</html>
```

faculty.html

```
<html>

<body>

<table border="5" cellpadding="7" cellspacing="10" align="center">

<caption>FACULTY</caption>

<tr><th>Teacher</th>

<th>Subject</th>
```

```
</tr>

<tr>

<td>smt.Jogimol</td>

<td>WP Lab</td>

</tr><tr>

<td>smt.Sindhu</td>

<td>DFCA</td></tr>

<tr>

<td>smt.Amrutha</td>

<td>Programming Lab</td>

</tr><tr>

<td>smt.Sanooja</td>

<td>ADS</td>

</tr><tr>

<td>smt.Sofia</td>

<td>MFC</td>

</tr><tr>

<td>smt.Amrutha</td>

<td>ASE</td>

</tr>

</table>

</body>

</html>
```

login.html

```
<html>
<body>
<pre>Login Staff and Students
<p>Login ID : <input type="text">
<p>Password : <input type="password">
<p><input type="submit" value="login">
</body>
</html>
```

Output:

The screenshot shows a web page with the following structure:

- Header:** Computer Application Department
MCA @ Musaliar College of Engineering and Technology , Pathanamthitta
- Left Column:** History and About The Department
 - The College was started in the year 2001 BTech were the first course started here.
 - The College is comfortably located in town of pathanamthitta
- Middle Column:** FACULTY

Teacher	Subject
smt.Jogimol	WP Lab
smt.Sindhu	DFCA
smt.Amrutha	Programming Lab
smt.Sanoja	ADS
smt.Sofia	MFC
smt.Amrutha	ASE
- Right Column:** Login Staff and Students

Login ID :	<input type="text"/>
Password :	<input type="password"/>
<input type="button" value="login"/>	

Result/Observation

Successfully completed the Html program and output is obtained.

PROGRAM NO. 4

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Inline,External and Internal style sheets

Objectives : HTML program to applying the different styles using inline, external & internal style sheets.

Input:

External.html

```
<html>
  <head>
    <link rel="stylesheet" href="mystyle.css">
    <title>External Styling</title>
  </head>
  <body>
```

External Styling

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

mystyle.css

```
body
{
  color:blueviolet;
  text-align:center;
```

```
font-size:30px;  
}  
  
Internal.html  
  
<html>  
  
<head>  
  
<style>  
  
h1  
  
{  
  
color:brown;  
  
font-family:'Lucida Sans','Lucida Sans Regular','Lucida Grade','Lucida Sans  
Unicode',Genava,Verdana,Sans-serif;  
  
font-size:20px;  
  
text-align:center;  
  
}  
  
</style>  
  
<title>Inline and Internal Styling</title>  
  
</head>  
  
<body>  
  
<p style="color:blue;text-align:center">Inline Styling</p>  
  
<h1>Internal Styling</h1>  
  
</body>  
  
</html>
```

Output:

External Styling

Inline Styling

Internal Styling

Result/Observation

Successfully completed the Html and Css program and output is obtained.

PROGRAM NO. 5

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Registration form

Objectives : HTML program to Create a registration form.

Input:

Registration.html

```
<html>

    <head>

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

        <title>Registration Form</title>

    </head>

    <body>

        <h1 style="text-align:center;">REGISTRATION FORM</h1>

        <form><table align="center"><tr><td>

            <label>Enter your name</label></td>

            <td><input type="text" name="Name/"></td></tr><tr><td>

            <label>Enter your age</label></td><td>

            <input type="text" name="Name/"></td></tr><tr><td>

            <label>Enter your email</label></td><td>

            <input type="text" name="Name/"></td></tr><tr><td>

            <label>Enter your mobileno</label></td><td>
```

```
<input type="text" name="Name/"></td></tr>

<tr><td>

<label>Gender</label></td><td>

<input type="radio" name="gender"/>Male

<input type="radio" name="gender"/>Female

<input type="radio" name="gender"/>Other

</td></tr></tr><tr><tr align="center"><td><td>

<input type="submit" name="submit" value="submit"/></td></td></tr></tr>

</form>

</body>

</html>

style.css

body

{

color:crimson;

background-color:darkgray;

font-family:Georgia,'Times New Roman',Times,serif;

font-style:italic;

font-size:15px;

}

form

{

text-align:center;
```

}

Output:

REGISTRATION FORM

Enter your name

Enter your age

Enter your email

Enter your mobileno

Gender Male Female Other

Result/Observation

Successfully completed the Html program and output is obtained.

PROGRAM NO. 6

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Predefined Functions

Objectives : Create a HTML page to explain the use of various predefined functions in a string and math object in java script

Input:

```

<html>

    <head>

        <title>Predefined functions in string and math</title>

        <style>

            body

            {

                text-align: center;

                font-family: verdana;

                font-size: 25px;

            }

        </style>

    </head>

    <body>

        <script>

            document.write("<h2>Predefined functions of string and math object</h2>")

        </script>

    </body>

</html>

```

```
var num=Math.round(4.4)

document.write("Rounding a number using Math.round", +num);

var str="Hello World";

document.write("<br>")

document.write("Character at 0th position of "+str+" is:"+str.charAt(0));

var c=50.65

var x=Math.ceil(c)

document.write("<br>Value of "+c+" after using Math.ceil is:"+x);

var lw="web programming";

document.write("<br>" +lw+" to upper case:"+lw.toUpperCase());

var power=Math.pow(3,2);

document.write("<br> Math.pow(3,2) gives:"+power);

</script>

</body>

</html>
```

Output:**Predefined functions of string and math object**

Rounding a number using Math.round4
Character at 0th position of Hello World is:H
Value of 50.65 after using Math.ceil is:51
web programming to upper case:WEB PROGRAMMING
Math.pow(3,2) gives:9

Result/Observation

Successfully completed the Html and java script program and output is obtained.

PROGRAM NO. 7

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Calendar

Objectives : Create a program to generate the calendar using JavaScript code by getting the year from the user

Input:

```

<html>

<head>

<script language="javascript">

    function day_title(day_name)

    {

        document.write("<td align=center width=30
bgcolor=green><b>" +day_name+ "</b></td>");

    }

    function fill_table(month,month_len)

    {

        day=1;

        document.write("<table border=1 cellspacing=2 cellpadding=3%>");

        document.write("<td colspan=7 align=center bgcolor=Yellow><b>" +month+
" +year+ "</b><tr>"); day_title("SUN");

        day_title("MON");

        day_title("TUE");
    }

```

```
day_title("WED");

day_title("THU");

day_title("FRI");

day_title("SAT");

document.write("</tr><tr>");

for(var i=1; i<start_day;i++)

{

    document.write("<td>");

}

for(var i=start_day; i<8;i++)

{

    document.write("<td align=center bgcolor=orange>" + day + "</td>");

    day++;

}

document.write("<tr>");

while(day<=month_len)

{

    for(var i=1; i<=7 && day<=month_len;i++)

    {

        document.write("<td align=center

bgcolor=orange>" + day + "</td>");

        day++;

    }

}
```

```
document.write("<tr>");

start_day=i;

}

document.write("</tr></table><br>");

}

year=prompt("Enter The Year ",2020);

today=new Date("January 1, "+year); start_day=today.getDay()+1;

fill_table("January", 31);

if (year%4==0)

    fill_table("February", 29);

else

    fill_table("February", 28);

fill_table("March", 31);

fill_table("April", 30);

fill_table("May", 31);

fill_table("June", 30);

fill_table("July", 31);

fill_table("August", 31);

fill_table("September", 30);

fill_table("October", 31);

fill_table("November", 30);

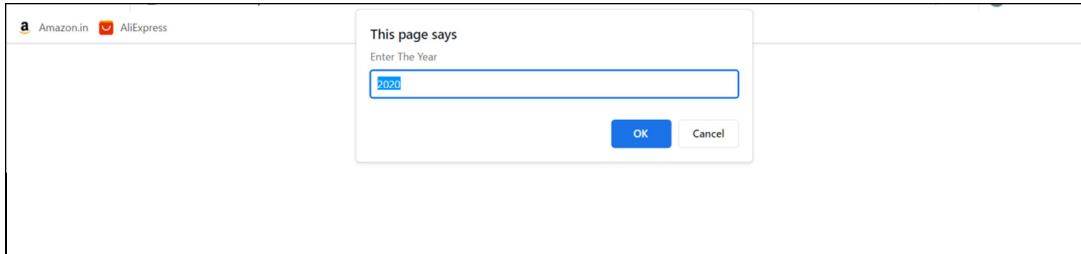
fill_table("December", 31);

</script>
```

</head>

</html>

Output:



January2020							april2020							july2020							october2020							
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28	29	30	31	29	30	31	28	
29	30	31					29	30						29	30	31						28	29	30	31			
February2020							may2020							august2020							november2020							
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	
					1	2	3	4		1	2	3	4	5		1	2	3	4		1	2	3	4	5	6	7	
5	6	7	8	9	10	11	6	7	8	9	10	11	12	13	14	15	16	17	18	19	12	13	14	15	16	17	18	
12	13	14	15	16	17	18	13	14	15	16	17	18	19	20	21	22	23	24	25	26	19	20	21	22	23	24	25	
19	20	21	22	23	24	25	20	21	22	23	24	25	26	27	28	29	30	31		26	27	28	29	30	31			
26	27	28	29				27	28	29	30	31										25	26	27	28	29	30		
march2020							june2020							september2020							december2020							
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	
					1	2	3			1	2			1				1				1	2	3	4	5	6	7
4	5	6	7	8	9	10	3	4	5	6	7	8	9	10	11	12	13	14	15	16	2	3	4	5	6	7	8	
11	12	13	14	15	16	17	10	11	12	13	14	15	16	17	18	19	20	21	22	23	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	17	18	19	20	21	22	23	24	25	26	27	28	29	30	16	17	18	19	20	21	22	
25	26	27	28	29	30	31	24	25	26	27	28	29	30	31							23	24	25	26	27	28	29	
														30							30	31						

Result/Observation

Successfully completed the java script program and output is obtained.

PROGRAM NO. 8

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Java script validation

Objectives : Create a HTML registration form and to validate the form using JavaScript code

Input:

```

<html>

    <head>

        <title>Welcome To Login Form</title>

        <script>

            function login()

            {

                var uname=document.getElementById("email").value;

                var pwd=document.getElementById("pwd1").value;

                var filter=/^([a-zA-Z0-9_\.\-])+@(([a-zA-Z0-9\-\-])+\.)([a-zA-Z0-9]{2,4})+$/;

                if(uname == "")

                {

                    alert("Please enter user name.");

                }

                else if(pwd==""){

                    {

```

```
        alert("Enter the password");

    }

    else if(!filter.test(uname))

    {

        alert("Enter valid email id.");

    }

    else if(pwd.length<6||pwd.length>6)

    {

        alert("password min and max length is 6.");

    }

    else

    {

        alert("Login Success");

    }

}

function clearFunc()

{

    document.getElementById("email").value="";

    document.getElementById("pwd1").value="";

}

</script>

</head>

<body>
```

```
<div id="main">

    <div class="h=tag">

        <h2 align="center">Welcome To My Account Login</h2>

    </div>

    <div class="login">

        <table cellspacing="2" align="center" cellpadding="8" border="0">

            <tr>

                <td>Enter User Name:</td>

                <td><input type="text" placeholder="Enter user name here." id="email"
class="tb"/></td>

            </tr>

            <tr>

                <td>Enter Password:</td>

                <td><input type="text" placeholder="Enter password here." id="pwd1"
class="tb"/></td>

            </tr>

            <tr><td></td>

                <td>

                    <input type="submit" value="Reset" onClick="clearFunc()" class="btn"/>

                    <input type="submit" value="Login" class="btn" onClick="login()"/></td></tr>

            </table>

        </div>

    </div>
```

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

Output:

Welcome To My Account Login

Enter User Name:

Enter Password:

This page says
Enter valid email id.

Enter Password:

This page says
Login Success

Enter Password:

Result/Observation

Successfully completed the java script validation program and output is obtained.

PROGRAM NO. 9

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Background color change using js event handling.

Objectives : Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.

Input:

```

<html>

    <head>

        <title>Change the Background Color with JavaScript</title>

        <script>

            function changeBodyBg(color)

            {

                document.body.style.background = color;

            }

        </script>

    </head>

    <body>

        <h1>Welcome to my page</h1>

        <label>Change Webpage Background To:</label>

        <button type="button" onclick="changeBodyBg('yellow');">Yellow</button>

        <button type="button" onclick="changeBodyBg('lime');">Lime</button>
    
```

```
<button type="button" onclick="changeBodyBg('orange');">Orange</button>  
</body>  
</html>
```

Output:**Welcome to my page**Change Webpage Background To: **Welcome to my page**Change Webpage Background To: **Welcome to my page**Change Webpage Background To: **Result/Observation**

Successfully completed the background color change using java script event handling program and output is obtained.

PROGRAM NO. 10

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Java script event handling.

Objectives : Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

Input:

```

<html>

    <head>

        <script type="text/javascript">

            function over()
            {

                document.getElementById('key').innerHTML=

                "Onmouseover event has occurred";

            }

            function out()
            {

                document.getElementById('key').innerHTML=

                "Onmouseout event has occurred";

            }

        </script>

    </head>

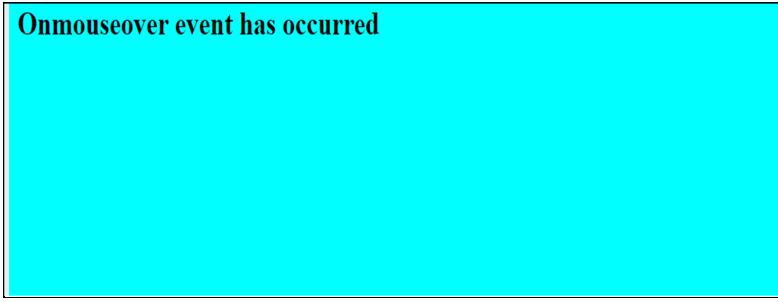
```

```
<body bgcolor="cyan">  
  
<h2 id="key" onmouseover="over()"  
onmouseout="out()">  
  
Original Text</h2>  
  
</body>  
  
</html>
```

Output:



Original Text



Onmouseover event has occurred

Result/Observation

Successfully completed the java script event handling program and output is obtained.

PROGRAM NO. 11

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Online exam

Objectives : Create a HTML page to show online exam using JavaScript.

Input:

```

<html>

    <head>

        <title>Exam</title>

        <script language="javascript">

            function exam(form)

            {

                var i=0

                if(form.one[2].checked)i=i+1;

                if(form.three[0].checked)i=i+1;

                if(form.four[0].checked)i=i+1;

                if(form.five[1].checked)i=i+1;

                window.alert("Thank You For Taking This Online Exam!!!!Your Score is:"+i);

            }

        </script>

    </head>

    <body bgcolor=silver>

```

```
<form onSubmit="exam(this)">

<center><h1><blink>WELCOME TO ONLINE EXAM
FORM</blink></h1></center>

<p>

<h1>1)Which is platform independent language</h1>

<input type="radio" name="one" value="c++">
<label>c++</label>

<input type="radio" name="one" value="c">
<label>c</label>

<input type="radio" name="one" value="java">
<label>java</label>

<input type="radio" name="one" value="basic">
<label>basic</label>

</p>

<p>

<h1>2)Which is class of all class in java</h1>

<input type="radio" name="three" value="object">
<label>Object</label>

<input type="radio" name="three" value="math">
<label>Math</label>

<input type="radio" name="three" value="system">
<label>System</label>

<input type="radio" name="three" value="graphic">
```

```
<label>Graphic</label>

</p>

<p>

<h1>3)Frame package is in which package</h1>

<input type="radio" name="four" value="awt">

<label>AWT</label>

<input type="radio" name="four" value="applet">

<label>Applet</label>

<input type="radio" name="four" value="lang">

<label>Lang</label>

<input type="radio" name="four" value="swing">

<label>Swing</label></p>

<p>

<h1>4)Java does not support</h1>

<input type="radio" name="five" value="inheritance">

<label>Inheritance</label>

<input type="radio" name="five" value="multiple inheritancet">

<label>Multiple Inheritance</label>

<input type="radio" name="five" value="Polymorphism">

<label>Polymorphism</label>

<input type="radio" name="five" value="Encryption">

<label>Encryption</label></p>

</p>
```

```
<p>  
<center>  
<input type="submit" value="submit">  
<input type="reset" value="Reset">  
</center>  
</p>  
</body>  
</html>
```

Output:

WELCOME TO ONLINE EXAM FORM

1)Which is platform independent language

c++ c java basic

2)Which is class of all class in java

Object Math System Graphic

3)Frame package is in which package

AWT Applet Lang Swing

4)Java does not support

Inheritance Multiple Inheritance Polymorphism Encryption

Result/Observation

Successfully completed the java script program and output is obtained.

PROGRAM NO. 12

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : PHP validation

Objectives : Develop a registration form using PHP and do necessary validations.

Input:

```

<html>

    <head></head>

    <title></title>

    <body>

        <form method="POST" action="#">

            enter id<input type="text" name="eid"><br>

            enter name<input type="text" name="ename"><br>

            enter dept<input type="text" name="dept"><br>

            enter salary<input type="text" name="sal"><br><br>

            <input type="submit" name="submit">

        </form>

    </body>

</html>

<?php

$servername="localhost";

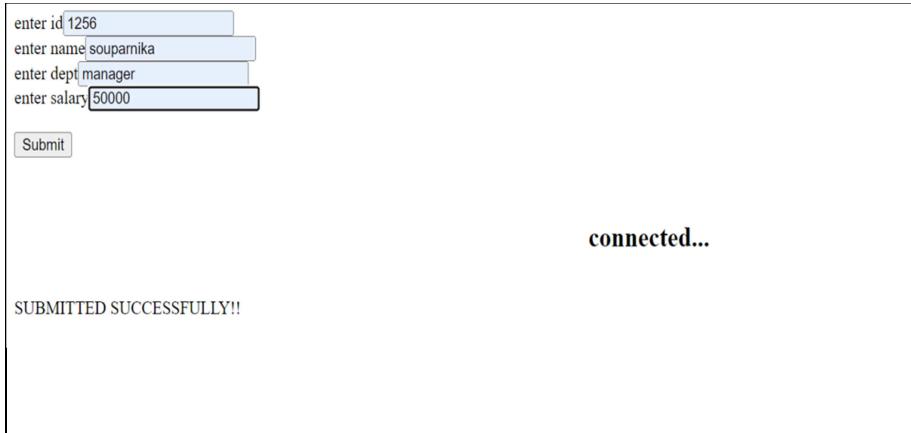
$username="root"; $password="";

```

```
$dbname="empdb";  
  
$tbname="emp";  
  
$conn=mysqli_connect($servername,$username,$password,$dbname);  
  
if(!$conn)  
{  
    die("Connection failed".mysqli_connect_error());  
}  
  
else  
{  
    echo "<br><h2 align=center>connected...</h2><br/>";  
}  
  
$id=$_POST['eid'];  
  
$name=$_POST['ename'];  
  
$dep=$_POST['dept'];  
  
$salary=$_POST['sal'];  
  
//sql=mysqli_select_db("$dbname")die("Couldnt select db");  
  
$query="INSERT INTO emp(eid,ename,dept,sal)  
VALUES(\".$id.\",\".$name.\",\".$dep.\",\".$salary.\")";  
  
$res=mysqli_query($conn,$query);  
  
if($res)  
{  
    echo "SUBMITTED SUCCESSFULLY!!";  
}
```

```
else  
{      echo "ERROR";  
}  
  
mysqli_close($conn);  
  
?>
```

Output:



The screenshot shows a web page with a form for entering employee details. The form fields are:

- enter id: 1256
- enter name: souparnika
- enter dept: manager
- enter salary: 50000

Below the form is a "Submit" button. To the right of the form, the text "connected..." is displayed. At the bottom of the page, the message "SUBMITTED SUCCESSFULLY!!" is shown.

Result/Observation

Successfully completed the PHP validation program and output is obtained.

PROGRAM NO. 13

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Electricity bill

Objectives : Compose Electricity bill from user input based on a given tariff using PHP.

Input:

```

<html>

<body>

<h1>Electricity Bill</h1>

<form method="post" action="#">

Consumer ID:<input type="number" name="id"><br>

Name:<input type="text" name="name"><br>

Previous Reading:<input type="number" name="prev"><br>

Present Reading:<input type="number" name="pres"><br><br><input
type="submit">

</form>

<?php

if($_SERVER["REQUEST_METHOD"]=="POST")

{

    $id=$_POST['id'];

    $name=$_POST['name'];

    $prev=$_POST['prev'];

```

```
$pres=$_POST['pres'];

$units=$pres-$prev;

echo"_____
_____
";  
echo"<h3>Kerala State Electricity Board(KSEB)</h3>";

echo"<br><br>";

echo"Consumer ID:".$id."<br>";

echo"Consumer name:".$name."<br>";

echo"Units Consumed:".$units."<br>";

if($units<=100)

{

    $amt=$units*3;

}

else if($units>100&&$units<=200)

{

    $amt=$units*4;

}

else if($units>200&&$units<=300)

{

    $amt=$units*5;

}

else

{
```

```

$amt=$units*5;

}

echo"<h4>Total:Rs." .($amt). "</h4><br>";

echo"_____
_____;"

}

?>

</body>

</html>

```

Output:

Electricity Bill

Consumer ID: 45676
 Name: Souparnika M S
 Previous Reading: 5
 Present Reading: 9

Electricity Bill

Consumer ID:
 Name:
 Previous Reading:
 Present Reading:

Kerala State Electricity Board(KSEB)

Consumer ID:45676
 Consumer name:Souparnika M S
 Units Consumed:4

Total:Rs.12

Result/Observation

Successfully completed the PHP program and output is obtained.

PROGRAM NO. 14

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Array Functions

Objectives : Build a PHP code to store name of students in an array and display it using print_r function. Sort and Display the same using asort & arsort functions.

Input:

```
<?php

echo "Sorting array<br/>";

echo "=====<br/>";

$stud=array("Nidhi","Sreelekshmi","Agna","Riya","Christy");

echo "Displaying array using print_r():";

print_r($stud);

echo "<br>Array in ascending order:<br/>";

asort($stud);

print_r($stud);

echo "<br>Array in descending order:<br/>";

arsort($stud);

print_r($stud);

?>
```

Output:

```
Sorting array
=====
Displaying array using print_r():Array ( [0] => Nidhi [1] => Sreelekshmi [2] => Agna [3] => Riya [4] => Christy )
Array in ascending order:
Array ( [2] => Agna [4] => Christy [0] => Nidhi [3] => Riya [1] => Sreelekshmi )
Array in descending order:
Array ( [1] => Sreelekshmi [3] => Riya [0] => Nidhi [4] => Christy [2] => Agna )
```

Result/Observation

Successfully completed the array function using PHP program and output is obtained.

PROGRAM NO. 15

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : PHP code for store values in array

Objectives : Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

Input:

```

<?php

$cricket=array("Virat","Dhoni","Sachin","Sehwag");

echo "<br>Displaying names in table format<br/>";

echo "<br>=====<br/>";

echo "<br>Names of cricket players as stored in an array:<br/>";

print_r($cricket);

echo "<br><br>Names of cricket players as stored in a table:<br/>";

echo "<br><table border=2><tr><th>Player Names</th></tr><br/>";

echo "<tr><td>$cricket[0]</td></tr>";

echo "<tr><td>$cricket[1]</td></tr>";

echo "<tr><td>$cricket[2]</td></tr>";

echo "<tr><td>$cricket[3]</td></tr>";

echo "</table>";

?>

```

Output:

Displaying names in table format

=====

Names of cricket players as stored in an array:
Array ([0] => Virat [1] => Dhoni [2] => Sachin [3] => Sehwag)

Names of cricket players as stored in a table:

Player Names
Virat
Dhoni
Sachin
Sehwag

Result/Observation

Successfully completed the PHP program and output is obtained.

PROGRAM NO. 16

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Data base connection

Objectives : Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

Input:

```

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="empdb";

$tbname="emp";

$conn=mysqli_connect($servername,$username,$password,$dbname);

if(!$conn)

{

die("Connection failed".mysqli_connect_error());

}

else

{

echo"<br><h2 align=center>EMPLOYEE DETAILS</h2><br/>";

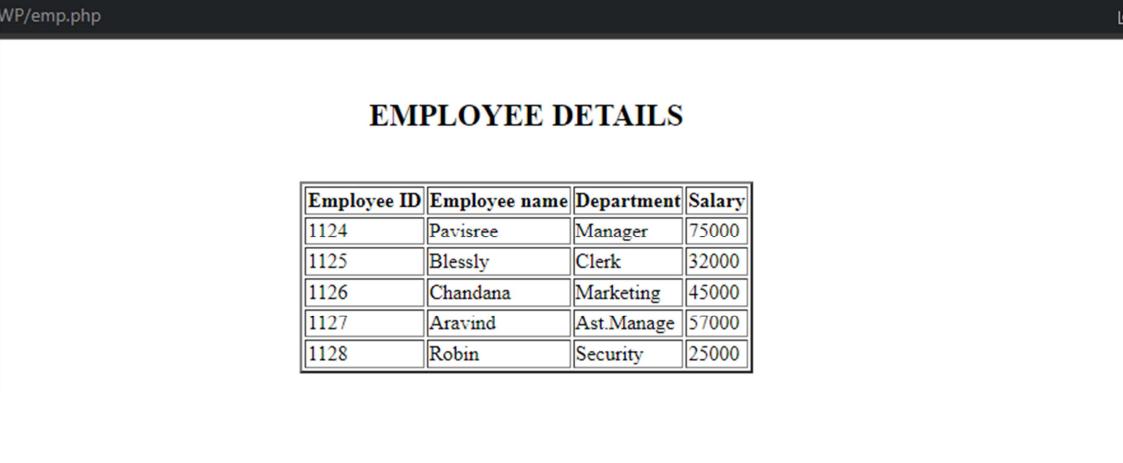
}

```

```
$sql="SELECT*FROM emp";  
  
$res=mysqli_query($conn,$sql);  
  
if(mysqli_num_rows($res)>0)  
  
{  
  
echo"<table border=2 align=center>";  
  
echo"<tr><th>Employee ID</th>";  
  
echo"<th>Employee name</th>";  
  
echo"<th>Department</th>";  
  
echo"<th>Salary</th></tr>";  
  
while($row=mysqli_fetch_assoc($res))  
  
{  
  
echo"<tr><td>$row[eid]</td>";  
  
echo"<td>$row[ename]</td>";  
  
echo"<td>$row[dept]</td>";  
  
echo"<td>$row[sal]</td></tr>";  
  
}  
  
echo"</table>";  
  
}  
  
else  
  
{  
  
echo"0 results";  
  
}  
  
mysqli_close($conn);
```

?>

Output:



A screenshot of a web browser window titled "WP/emp.php". The main content area displays a heading "EMPLOYEE DETAILS" followed by a table with six rows of employee information. The table has four columns: Employee ID, Employee name, Department, and Salary.

Employee ID	Employee name	Department	Salary
1124	Pavisree	Manager	75000
1125	Blessly	Clerk	32000
1126	Chandana	Marketing	45000
1127	Aravind	Ast.Manage	57000
1128	Robin	Security	25000

Result/Observation

Successfully completed the data base connection program and output is obtained.

PROGRAM NO. 17

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Web application

Objectives : Develop Web applications using HTML and PHP and deploy

Input:

Web.html

```
<html>
  <head>
    <title>My Web Application</title>
  </head>
  <body>
    <form action="web.php" method="POST">
      <label>Enter your name:</label>
      <input type="text" name="name">
      <input type="submit" value="Submit">
    </form>
  </body>
</html>
```

Web.php

```
<?php
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
```

```
$name = $_POST['name'];  
  
echo "Hello, " . $name . "!";  
  
}  
  
?>
```

Output:

Enter your name:

Hello, Souparnika M S!

Result/Observation

Successfully completed the PHP web application program and output is obtained.

PROGRAM NO. 18

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Web application

Objectives : Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

Input:

Book.html

```
<html>

<head>

<title>Book form</title>

<meta http-equiv="Content-type" content="text/html;charset=UTF-8">

</head>

<body>

<center>

<form name="bookform" method="post" action="book1.php">

<h2 align="center">BOOK DETAILS</h2>

<table border="2" align="center">

<tr><td>Accession No:</td>

<th><input type="text" name="ano" value=""></th></tr>

<tr><td>Title:</td>
```

```
<th><input type="text" name="title" value=""></th></tr>

<tr><td>Author:</td>

    <td><input type="text" name="author" value=""></td></tr>

<tr><td>Edition:</td>

    <td><input type="number" name="edition" value=""></td></tr>

<tr><td>Publisher:</td>

    <td><input type="text" name="publisher" value=""></td></tr>

<tr><td><input type="submit" name="submit" value="SUBMIT"></td></tr>

</table>

</form>

<form name="newform" method="post" action="display.php"><h2>TO DISPLAY
DATA BASED ON TITLE: <input type="text" name="display"><br>
<input type="submit" name="submit1" value="DISPLAY"></h2>
</form>

</center>

</body>

</html>

book1.php

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="bookdb";
```

```
$tbname="book";  
  
$conn=mysqli_connect($servername,$username,$password,$dbname);  
  
if(!$conn)  
{  
    die("Connection failed".mysqli_connect_error());  
}  
  
else  
{  
    echo "<br><h2 align=center>CONNECTION SUCCESSFULL!!</h2><br/>";  
}  
  
$ano=$_POST['ano'];  
  
$title=$_POST['title'];  
  
$author=$_POST['author'];  
  
$ed=$_POST['edition'];  
  
$pub=$_POST['publisher'];  
  
// $sql=mysqli_select_db("$dbname")die("Couldnt select db");  
  
$query="INSERTINTObook(ano,title,author,edition,publisher)VALUES('".$ano."','".$."  
$title."','".$.$author."','".$.$ed."','".$.$pub."')";  
  
$res=mysqli_query($conn,$query);  
  
if($res)  
{  
    echo "SUBMITTED SUCCESSFULLY!!";  
}
```

```
else
{
    echo "ERROR";
}

mysqli_close($conn);

?>

<?php

$servername="localhost";

$username="root";

$password="";
$dbname="bookdb";

$tbname="book";

$title=$_POST['display'];

$conn=mysqli_connect($servername,$username,$password,$dbname);

if(!$conn)

{
    die("Connection failed".mysqli_connect_error());
}

else

{
    echo "<br><h2 align=center>BOOK DETAILS</h2><br/>";
}

$sql="SELECT * FROM book WHERE title='".$title."'";

```

```
$res=mysqli_query($conn,$sql);

if(mysqli_num_rows($res)>0)

{

echo "<table border=2 align=center>";

echo "<tr><th>Accession Number:</th>";

echo "<th>Title:</th>";

echo "<th>Author:</th>";

echo "<th>Edition:</th>";

echo "<th>Publisher:</th></tr>";

while($row=mysqli_fetch_assoc($res))

{

echo "<tr><td>$row[ano]</td>";

echo "<td>$row[title]</td>";

echo "<td>$row[author]</td>";

echo "<td>$row[edition]</td>";

echo "<td>$row[publisher]</td></tr>";

}

echo "</table>";

}

else

{

echo "0 results";

}
```

```
mysqli_close($conn);  
?>
```

Output:

BOOK DETAILS	
Accession No:	123
Title:	The wings of fire
Author:	APJ
Edition:	2
Publisher:	DC
<input type="button" value="SUBMIT"/>	

TO DISPLAY DATA BASED ON TITLE:

Result/Observation

Successfully completed the PHP program and output is obtained.

PROGRAM NO. 19

Name : Souparnika M S	Roll No : 37	Name of Lab : Web Programming Lab	Period :
Class : S1 , MCA	Date :	Nature of Lab Work : Practical	Batch : 2022-2024

Title : Airline Reservation using php

Objectives : Develop a web application for Airline Reservation System using any PHP framework (Laravel, CodeIgniter, Symfony, CakePHP etc.).

Input:

```

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="airdb";

$tbname="air";

$conn=mysqli_connect($servername,$username,$password,$dbname);

if(!$conn)

{

die("Connection failed".mysqli_connect_error());

}

else

{

echo"<br><h2 align=center>FLIGHT DETAILS</h2><br/>";

}

```

```
$sql="SELECT*FROM air";  
  
$res=mysqli_query($conn,$sql);  
  
if(mysqli_num_rows($res)>0)  
  
{  
  
echo"<table border=2 align=center>";  
  
echo"<tr><th>From</th>";  
  
echo"<th>Airline</th>";  
  
echo"<th>Departure Date</th>";  
  
echo"<th>Arrival Date</th>";  
  
echo"<th>To</th>";  
  
echo"<th>Flight Number</th>";  
  
echo"<th>Terminal</th></tr>";  
  
while($row=mysqli_fetch_assoc($res))  
  
{  
  
echo"<tr><td>$row[fro]</td>";  
  
echo"<td>$row[airline]</td>";  
  
echo"<td>$row[dd]</td>";  
  
echo"<td>$row[ad]</td>";  
  
echo"<td>$row[too]</td>";  
  
echo"<td>$row[fn]</td>";  
  
echo"<td>$row[ter]</td></tr>";  
  
}  
  
echo"</table>";
```

```
    }  
  
else  
  
{  
  
echo"0 results";  
  
}  
  
mysqli_close($conn);  
  
?>
```

Output:

FLIGHT DETAILS

From	Airline	Departure Date	Arrival Date	To	Flight Number	Terminal
New York	ACME Airlines	22/03/2023	23/03/2023	London	AA7755	1
Dubai	CCSA Airlines	24/03/2023	24/03/2023	Cochin	A350	4
Cochin	ACME Airlines	12/03/2023	12/03/2023	TVM	A555	2
TVM	Indigo	24/03/2023	24/03/2023	Dubai	A350	2
Dubai	Indigo	10/03/2023	11/03/2023	TVM	AA7755	3
USA	Air India	22/03/2023	23/03/2023	TVM	A350	2

Result/Observation

Successfully completed the PHP program and output is obtained.

