PROGRAMMING IN PHP LAB

DEPARTMENT OF COMPUTER SCIENCE

MANNAR THIRUMALAI NAICKER COLLEGE(AUTONOMOUS)

(Re- Accredited by NAAC with 'A' Grade by NAAC)
(Affiliated to Madurai Kamaraj University)

PASUMALAI, MADURAI– 625 004.

MANNAR THIRUMALAI NAICKER COLLEGE(AUTONOMOUS)

PASUMALAI, MADURAI – 625 004

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

NAME : **REGISTER NUMBER :**

CLASS : II B.Sc CS -'A' **SEMESTER : IV**

SUBJECT NAME : PROGRAMMING IN PHP - LAB

SUBJECT CODE : 18UCSCP4

This is to certify that record is a bonafidework done by the above mentioned student. This certificate is awarded for the same.

STAFF IN-CHARGE **HEAD OF THE DEPARTMENT**

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Submitted for practical examination held on …….. at Mannar Thirumalai Naicker College, Pasumalai, Madurai.

INTERNAL EXAMINER **EXTERNAL EXAMINER**

CONTENTS

Ex.No: 1 **Arithmetic Operation**

Date :

Aim:

Write the PHP Code to perform Arithmetic Operations using form elements.

Source Code:

```
<html>
<body>
<?php
$a="";
$b="";
$sum="";
$sub="";
$mul="";
$div="";
if(isset($_POST['Submit']))
{
        $a=$_POST['t1'];
        $b=$_POST['t2'];
        $sum=$a+$b;
        $sub=$a-$b;
        $mul=$a*$b;
        $div=$a/$b;
}
```

```
?>


<form method="post">
<table align="center" border=1>
<tr>
<th colspan=2 align=center >Arithmetic Operations</th>
</tr>


<tr>
<td>First Value</td>
<td><input type="text" name="t1" value="<?php echo $a; ?>"></td>
</tr>


<tr>
<td>Second Value</td>
<td><input type="text" name="t2" value="<?php echo $b; ?>"></td>
</tr>


<tr>
<td>Addition</td>
<td><input type="text" value="<?php echo $sum; ?>" ></td>
</tr>
```

```
<tr>
<td>Subraction</td>
<td><input type="text"value="<?php echo $sub; ?>" ></td>
</tr>

<tr>
<td>Multiplication</td>
<td><input type="text" value="<?php echo $mul; ?>"></td>
</tr>

<tr>
<td>Division</td>
<td><input type="text" value="<?php echo $div; ?>"></td>
</tr>

<tr>
<td colspan=2 align=center><input type="submit" name="Submit" value="Result"></td>
</tr>
</form>
</body>
</html>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 2 **Simple and Compound Interest**

Date :

Aim:

Write the PHP Code to calculate simple and Compound Interest using form elements.

Source Code:

```
<html>
<body>
<?php
$p="";
$n="";
$r="";
$si="";
$ci="";
if(isset($_POST['Submit']))
{
        $p=$_POST['t1'];
        $n=$_POST['t2'];
        $r=$_POST['t3'];
        $si=$p*$n*$r/100;
        $ci=$p*pow(1+$r/100,2)-$p;
}
?>
```

```
<form method="post">
<table align="center" border=1>
<tr>
<th colspan=2 align=center >Simple & Compound Interest</th>
</tr>

<tr>
<td>Principle</td>
<td><input type="text" name="t1" value="<?php echo $p; ?>"> </td>
</tr>

<tr>
<td>No of Year</td>
<td><input type="text" name="t2" value="<?php echo $n; ?>"> </td>
</tr>

<tr>
<td>Rate of Interest</td>
<td><input type="text" name="t3" value="<?php echo $r; ?>"> </td>
</tr>
<tr>
<td>Simple Interest</td>
<td><input type="text" value="<?php echo $si; ?>" > </td>
</tr>
```

```
<tr>
<td>Compound Interest</td>
<td><input type="text"value="<?php echo $ci; ?>" > </td>
</tr>

<tr>
<td colspan=2 align=center><input type="submit" name="Submit" value="Result"></td>
</tr>
</form>
</body>
</html>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 3 **Biggest and Smallest of given three Numbers**

Date :

Aim:

Write the PHP Code to choose the Biggest and Smallest of given three Numbers using form elements.

Source Code:

```
<html>
<body>
<?php
$a="";
$b="";
$c="";
$big="";
$small="";
if(isset($_POST['Submit']))
{
        $a=$_POST['t1'];
        $b=$_POST['t2'];
        $c=$_POST['t3'];
        if($a>$b && $a>$c)
           $big=$a;
        elseif($b>$c)
           $big=$b;
```

```
        else
            $big=$c;

    if($a<$b && $a<$c)
        $small=$a;
    elseif($b<$c)
        $small=$b;
    else
        $small=$c;
}
?>

<form method="post">
<table align="center" border=1>
<tr>
<th colspan=2 align=center >Biggest & Smallest</th>
</tr>

<tr>
<td>First No</td>
<td><input type="text" name="t1" value="<?php echo $a; ?>"></td>
</tr>
```

```
<tr>
<td>Second No</td>
<td><input type="text" name="t2" value="<?php echo $b; ?>"></td>
</tr>

<tr>
<td>Third No</td>
<td><input type="text" name="t3" value="<?php echo $c; ?>"></td>
</tr>

<tr>
<td>Biggest</td>
<td><input type="text" value="<?php echo $big; ?>" ></td>
</tr>

<tr>
<td>Smallest</td>
<td><input type="text"value="<?php echo $small; ?>" ></td>
</tr>

<tr>
<td colspan=2 align=center><input type="submit" name="Submit" value="Result"></td>
</tr>
```

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

Result :

Thus Program has been successfully executed and verified.

Ex.No: 4 Print the Prime Numbers in the given Range

Date :

Aim:

Write the PHP Code to Print the Prime Numbers of the given Range

Source Code:

```
<html>
<body>
<?php
$i="";
$k="";
$upper="";
$lower="";
if(isset($_POST['Submit']))
{
 $lower=$_POST['l'];
 $upper=$_POST['u'];
 for($n=$lower;$n<=$upper;$n++)
 {
 for($i=2;$i<$n;$i++)
 {
   if($n%$i==0)
    $k++;
 }
 if($k==0)
  echo $n."<br>";
```

```
 else
        $k=0;
 }
}
?>

<form method="post">
<table align="center" border=1 height=200 width=500>

<tr>
<th colspan=2 align=center >Print the Prime Numbers</th>
</tr>

<tr>
<td>Lower Limit</td>
<td align=center><input type=text name=l value="<?php echo $lower;?>"></td>
</tr>

<tr>
<td>Upper Limit</td>
<td align=center><input type=text name=u value="<?php echo $upper;?>"></td>
</tr>

<tr>
<td align=center colspan=2><input type="submit" name="Submit" value="Result"></td>
</tr>
```

```
</table>
</form>
</body>
</html>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 5 **One Time Password Generation**

Date :

Aim:

Write the PHP Code to generate One Time Password depend on the Number of digit we are chosen

Source Code:

```
<html>
<body>
<?php
$result = "";
if(isset($_POST['Submit']))
{
        if(!empty($_POST['r']))
        {
         $n=$_POST['r'];
          $generator="1234567890";
          for ($i = 1; $i <= $n; $i++)
           {
          $result .= substr($generator, (rand()%(strlen($generator))), 1);
           }
         }
}
?>
<form method="post">
<table align="center" border=1 height=200 width=500>
```

```
<tr>

<th colspan=2 align=center >OTP Generation</th>

</tr>

<tr>

<td>Choose the OTP Types</td>

<td align=center>Four Digit<input type="radio" name="r" Value=4> Five Digit<input
type="radio" name="r" value=5> Six Digit<input type="radio" name="r" value=6></td>

</tr>

<tr>

<td align=center><input type="submit" name="Submit" value="Result"></td>

<td align=center><input type="text" name="t1" value="<?php echo $result; ?>"></td>

</tr>

</table>

</form>

</body>

</html>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 6 **Sum and Average of the elements in an Indexed Array**

Date :

Aim:

Write the PHP Code to find the Sum and Average of the elements in an Indexed Array

Source Code:

```
<?php
$sum=0;
$num=array(43,45,56,67,68,76);
for($i=0;$i<6;$i++)
{
        echo $num[$i]."<br>";
        $sum+=$num[$i];
}
$avg=$sum/6;
echo "Sum of the elements in Indexed Array is $sum <br>";
echo "Average of the elements in Indexed Array is $avg <br>";
?>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 7 **Read the ages of the students using Associative array**

Date :

Aim:

Write the PHP Code to Read the ages of the students using Associative array.

Source Code:

```
<?php
$age=array("Deepak"=>"18","Senthil"=>"22","Hari"=>"20","Arun"=>"25");
echo "Deepak's Age : ".$age["Deepak"]."<br/>";
echo "Senthil's Age: ".$age["Senthil"]."<br/>";
echo "Hari's Age: ".$age["Hari"]."<br/>";
echo "Arun's Age: ".$age["Arun"]."<br/>";
var_dump ($age);
?>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 8 **Display the employee table using Multidimensional array**

Date :

Aim:

Write the PHP Code to display the employee table using Multidimensional array with fields like Eno, Ename and Esalary.

Source Code:

```
<?php
$emp = array
 (
 array(1,"sonoo",400000),
 array(2,"john",500000),
 array(3,"rahul",300000)
 );
 echo "<table border=1><tr><th>Eno</th><th>Ename</th><th>Esalary</th><tr>";
 for ($row = 0; $row < 3; $row++)
 {
 echo "<tr>";
    for ($col = 0; $col < 3; $col++)
   {
      echo "<td>".$emp[$row][$col]."</td>";
    }
  echo "</tr>";
 } ?>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 9 **Price chart creation**

Date :

Aim:

Write the PHP Code to display the Price chart for the Grocery Items.

Source Code:

```
<?php
 $emp = array
 (
 array(1,"Wheat","Rs 200 Per Kg"),
 array(2,"Rice","Rs 80 Per Kg"),
 array(3,"Ragi","Rs 75 Per Kg")
 );
 echo "<table align=center border=1><tr><th colspan=3>Price Chart of Grosary
        Items</th><tr>";
 echo "<tr><th>S.no</th><th>Item</th><th>Price</th><tr>";
 for ($row = 0; $row < 3; $row++)
 {
 echo "<tr>";
   for ($col = 0; $col < 3; $col++)
   {
     echo "<td>".$emp[$row][$col]."</td>";
    }
  echo "</tr>";    }  ?>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 10 **Display Application Form details**

Date :

Aim:

Write the PHP Code to Submit and display the Application Form details in PHP

Source Code:

Application.html

```
<html>
<head>
<title>
</title>
</head>
<body>
<form method="post" action="appdata.php">
<table border=2 align=center width=500 height=500>
<tr>
<th colspan=3>Application Form </th>
</tr>
<tr>
<td>1.</td>
<td>Application Number</td>
<td align=center><input type=text name=ano ></td>
</tr>
<tr>
<td>2.</td>
<td>Applicant Name</td>
```

<td align=center><input type=text name=an ></td>

</tr>

<td>3.</td>

<td>Age</td>

<td align=center><input type=Number min=15 max=30 name=aa></td>

</tr>

<td>4.</td>

<td>Gender</td>

<td align=center>

Male: <input type=radio name="gen[]" value=Male >Female: <input type=radio name="gen[]" value=Female>Third Gender: <input type=radio name="gen[]" value=ThirdGender>

</td>

</tr>

<tr>

<td>5.</td>

<td>Nationality</td>

<td align=center>

<select name="nat[]">

<option value="India"> India</option>

<option value="Other"> Other</option>

</select>

</td>

</tr>

<tr>

<td>6.</td>

<td>Community</td>

<td align=center>

```
<select name="com[]">
<option value="OBC"> OBC</option>
<option value="SC"> SC</option>
<option value="ST"> ST</option>
<option value="DNC"> DNC</option>
<option value="MBC"> MBC</option>
</select>
</td>
</tr>
<tr>
<td>7.</td>
<td>Contact No</td>
<td align=center><input type=tel name=cno ></td>
</tr>
<tr>
<td>8.</td>
<td>Email</td>
<td align=center><input type=email name=em ></td>
</tr>
<tr>
<td>9.</td>
<td>Address</td>
<td align=center><textarea name=ad> </textarea></td>
</tr>
<tr>
<td>10.</td>
```

<td>Activity</td>

<td align=center>NSS<input type=checkbox name="ac[]" value="NSS" >NCC<input type=checkbox name="ac[]" value="NCC">YRC<input type=checkbox name="ac[]" value="YRC"></td>

</tr>

<tr>

<td>11.</td>

<td>Courses</td>

<td align=center>

<select name="crs[]">

<option value="Bsc(CS)">Bsc(CS)</option>

<option value="Bsc(IT)">Bsc(IT)</option>

</select>

</td>

</tr>

<tr>

<td>12.</td>

<td>Username</td>

<td align=center>

<input type=text name=un></input>

</td>

</tr>

<tr>

<td>13.</td>

<td>Password</td>

<td align=center>

<input type=password name=pw></input>

```
</td>
</tr>
<tr>
<td colspan=3 align=center><input type=submit value="Submit"> </td>
</tr>
</table>
</form>
</body>
</html>
```

appdata.php

```
<html>
<body>
<?php
$ano=$_POST['ano'];
$an=$_POST['an'];
$aa=$_POST['aa'];
$an=$_POST['an'];
$cno=$_POST['cno'];
$em=$_POST['em'];
$ad=$_POST['ad'];
$un=$_POST['un'];
$pw=$_POST['pw'];
$act="";
if(!empty($_POST['gen']))
{
    foreach($_POST['gen'] as $selected)
            {
            $gen=$selected;
           }
}
if(!empty($_POST['nat']))
{
    foreach($_POST['nat'] as $selected)
            {
            $nat=$selected;
```

```
    }
}
if(!empty($_POST['com']))
{
    foreach($_POST['com'] as $selected)
          {
     $com=$selected;
    }
}
if(!empty($_POST['crs']))
{
    foreach($_POST['crs'] as $selected)
          {
     $crs=$selected;
    }
}
if(!empty($_POST['ac']))
{
    foreach($_POST['ac'] as $selected)
          {
     $act.=$selected." ";
    }
}
?>
```

```
<table border=2 align=center width=500 height=500>
<tr>
<th colspan=3>Application Form </th>
</tr>
<tr>
<td>1.</td>
<td>Application Number</td>
<td align=center><?php echo $ano; ?></td>
</tr>
<tr>
<td>2.</td>
<td>Applicant Name</td>
<td align=center><?php echo $an; ?></td>
</tr>
<td>3.</td>
<td>Age</td>
<td align=center><?php echo $aa; ?></td>
</tr>
<td>4.</td>
<td>Gender</td>
<td align=center><?php echo $gen;?></td>
</tr>
<tr>
<td>5.</td>
<td>Nationality</td>
<td align=center><?php echo $nat;?></td>
```

```
</tr>
<tr>
<td>6.</td>
<td>Community</td>
<td align=center><?php echo $com;?></td>
</tr>
<tr>
<td>7.</td>
<td>Contact No</td>
<td align=center><?php echo $cno; ?></td>
</tr>
<tr>
<td>8.</td>
<td>Email</td>
<td align=center><?php echo $em; ?></td>
</tr>
<tr>
<td>9.</td>
<td>Address</td>
<td align=center><?php echo $ad; ?></td>
</tr>
<tr>
<td>10.</td>
<td>Activity</td>
<td align=center><?php echo $act; ?></td>
</tr>
```

```
<tr>
<td>11.</td>
<td>Courses</td>
<td align=center><?php echo $crs; ?></td>
</tr>
<tr>
<td>12.</td>
<td>Username</td>
<td align=center><?php echo $un; ?></td>
</tr>
<tr>
<td>13.</td>
<td>Password</td>
<td align=center><?php echo $pw; ?></td>
</tr>
</table>
</body>
</html>
```

Result :

Thus Program has been successfully executed and verified.

Ex.No: 11 **DDL, DML an DQL statements in MySql**

Date :

Aim:

Working with DDL, DML and DQL statements in student and Employee tables in MySql Environment

1) Data Definition Language (DDL)

- DDL changes the structure of the table like create, alter, drop and truncate.
- All the command of DDL are auto-committed that means it permanently save all the changes in the database.

- DDL Commands are : CREATE, ALTER, DROP, TRUNCATE

a) CREATE : It is used to create a new table in the database.

Syntax : CREATE TABLE TABLE_NAME (COLUMN_NAME DATATYPES[,....]);

Exercise:

1. **Create a student table with fields sno, sname, sage, sdob and saddress**
   Query:
   Create table student (sno Int(20), sname varchar(25), sage Int(3), sdob date, saddress varchar(50))
2. **Create an employee table with fields like eno, ename, eage, edob, esalary, eaddress**
   Query:
   Create Table Employee(Eno Int(4), Ename varchar(20), Eage Int(3), Edob date, Esal double, Eadd varchar(40))

b) ALTER : It is used to alter the structure of the database. This change could be either to modify the characteristics of an existing attribute or probably to add a new attribute.

ADD Fields:

Syntax: ALTER TABLE table_name ADD(column_name COLUMN-definition);

Exercise:

1. **Add the new fields scontact and smail with student table**
   Query:
   Alter table student add (scontact varchar(20), semail varchar(25));
2. **Add the new field edept with employee table**

   Query:
   Alter table employee add (edept varchar(25));

Modify Fields:

Syntax: ALTER TABLE table_name MODIFY(column_name COLUMN-definition);

Exercise:

1. **In student Table, Modify the type of sno as varchar with size 5 and saddress size as 25**
   Query:
   Alter table student Modify (sno varchar(5), saddress varchar(25));
2. **In Employee Table, Modify the type of Esal as Integer with size 6 and Eadd size as 25**
   Query:
   Alter table employee Modify(Esal Int(6), Eadd varchar(25));

C) TRUNCATE: It is used to delete all the rows from the table and free the space containing the table.

Syntax: TRUNCATE TABLE table_name;

Exercise:

1. **Delete all the rows from the employee and student tables and free the space containing the tables.**
   Query:
   Truncate table employee;

   Truncate table student;

2) Data Manipulation Language

- DML commands are used to modify the database. It is responsible for all form of changes in the database.
- The command of DML is not auto-committed that means it can't permanently save all the changes in the database. They can be rollback.
- DML Commands are : Insert , Update and Delete

a) Insert

- The INSERT statement is a SQL query. It is used to insert data into the row of a table

- **Syntax:**

Insert Into Table_Name (col1, col2, col3,.... col N) VALUES (value1, value2, value3, ... valueN);

Or

Insert Into Table_Name VALUES (value1, value2, value3, ... valueN);

Exercise:

1. **Insert a record into the student table**
   Query:
   Insert into student(sno,sname,sage,adob,saddress) values (104, 'John',40,'1981-04-23' ,'Madurai');

   Or

   Insert into student values (104, 'John',40,'1981-04-23' ,'Madurai');

2. **Insert a record into the student table**
   Query:
   Insert into employee(Eno,Ename,Eage,Edob,Esal,Eadd) values (101, 'Raja',43,'1978-04-22',2500.50,'Madurai');

   Or

   Insert into employee values (101, 'Raja',43,'1978-04-22',2500.50,'Madurai');

b) Update :

- This command is used to update or modify the value of a column in the table.
- **Syntax:**

  Update table_name set [column_name1= value1,...column_nameN = valueN] [WHERE CONDITION]

Exercise:

1. **Update the esal as 45000 for employee who has eno is 102 in Employee table**
   Update employee set Esal = 45000 where Eno=102;
2. **Increase Rs 500 in the employee salary those who belongs to Madurai**
   Update employee set Esal = Esal + 500 where Eadd='Madurai';
3. **Update the address of the employee 'Raja' as 'Kovai'**
   Update employee set Eadd ='Kovai' where Ename='Raja';

c) DELETE:

- It is used to remove one or more row from a table.
- **Syntax:** Delete from table_name [WHERE condition];

Exercise:

1. **Delete all the employee records those who have Eno < 103**
   delete from employee where Eno<103;
2. **Delete all the employee records**
   delete from employee;

3) Data Query Language

- DQL is used to fetch the data from the database.
- It uses only one command: SELECT

SELECT:

- This is the same as the projection operation of relational algebra. It is used to select the attribute based on the condition described by WHERE clause.

  Syntax: SELECT expressions FROM TABLES WHERE conditions;

  Exercise:

1. **Display all the employee records**
   Select * from employee;
2. **Display all the employee records those who have Eno < 103**
   Select * from employee where Eno<103;
3. **Display all recored with the fields Ename, Egae ,Esal from employee table**
   Select Ename,Eage,Esal from employee;
4. **Display all the employee records as ascending order of salary**
   Select * from employee order by Esal;
5. **Display all the employee records who belongs to Madurai**
   Select * from employee where Eadd='Madurai'

Result :

The above queries are successfully executed and verified.

Ex.No: 12 **Create an employee table**

Date :

Aim:

Write the PHP Code to create an employee table with fields like eno, ename, eage, edob, esalary, eaddress

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";


$conn = new mysqli($servername, $username, $password, $dbname);


if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}

$sql = "Create Table Employee( Eno Int(4), Ename varchar(20), Eage Int(3), Edob date, Esal
double, Eadd varchar(40))";


if ($conn->query($sql) === TRUE)
{
   echo "Table Employee created successfully";
}
else
{
   echo "Error creating table: " . $conn->error;
}
```

```
$conn->close();
?>
```

Result :

The above queries are successfully executed and verified.

Ex.No: 13 **Insert record into the employee table**

Date :

Aim:

Write the PHP Code to insert record into the employee table.

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}


$sql = "Insert into employee(Eno,Ename,Eage,Edob,Esal,Eadd) Values (101, 'Raja',43,'1978-04-
22',2500.50,'Madurai')";

if ($conn->query($sql) === TRUE)
{
   echo "New record Inserted successfully";
}
else
{
   echo "Error: " . $sql . "<br>" . $conn->error;
} $conn->close();?>
```

Result :

The above queries are successfully executed and verified.

Ex.No: 14 **Display the records of employee table**

Date :

Aim:

Write the PHP Code to display the records of employee table.

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}


$sql = "select * from employee";

$result = $conn->query($sql);

echo "<center><h1>EMPLOYEE TABLE</h1></center>";

if ($result->num_rows > 0)
{
echo "<table border=1 align=center>
<tr><th>Eno</th><th>Ename</th><th>Eage</th><th>Edob</th><th>Esal</th><th>Eadd</th><
/tr>";

while($row = $result->fetch_assoc())
{
```

```
 echo "<tr><td>" . $row["Eno"]. "</td><td>" . $row["Ename"]. "</td><td>" . $row["Eage"].
"</td><td>" . $row["Edob"] . "</td><td>" . $row["Esal"] . "</td><td>" . $row["Eadd"] .
"</td></tr>" ;
 }
echo "</table>";
}
else
{
   echo "Due to some Error Record can't display";
}
$conn->close();

?>
```

Result :

The above queries are successfully executed and verified.

Ex.No: 15 **Edit an existing record in an employee table**

Date :

Aim:

Write the PHP Code to edit an existing record in an employee table

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}

$sql = "update employee set Esal=30000 where Eno=101";

if ($conn->query($sql) === TRUE)
{
   echo "Record Updated successfully";
}
else
{
   echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close(); ?>
```

Result :

The above queries are successfully executed and verified.

Ex.No: 16 **Delete an existing record of an employee table**

Date :

Aim:

Write the PHP Code to delete an existing record from the employee table

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";

$conn = new mysqli($servername, $username, $password, $dbname);


if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}


 $sql = "Delete from employee where eno=102";

if ($conn->query($sql) === TRUE)
{
   echo "Record Deleted successfully";   }
else
{
   echo "Error deleting record: " . $conn->error;
} $conn->close(); ?>
```

Result :

The above queries are successfully executed and verified.

Ex.No: 17 **Drop the existing employee table from the data base**

Date :

Aim:

Write the PHP Code to drop the existing employee table from the data base

Source Code:

```
<?php

$servername = "localhost";

$username = "root";

$password = "JOHNSON";

$dbname = "mtnc";

$conn = new mysqli($servername, $username, $password, $dbname);


if ($conn->connect_error)
{
   die("Connection failed: " . $conn->connect_error);
}
sql = "Drop table employee";

if ($conn->query($sql) === TRUE)
{
   echo "Employee Table Dropped successfully from the Data Base";
}
else
{
   echo "Error in Drop the table: " . $conn->error;
}
$conn->close();?>
```

Result :

The above queries are successfully executed and verified.

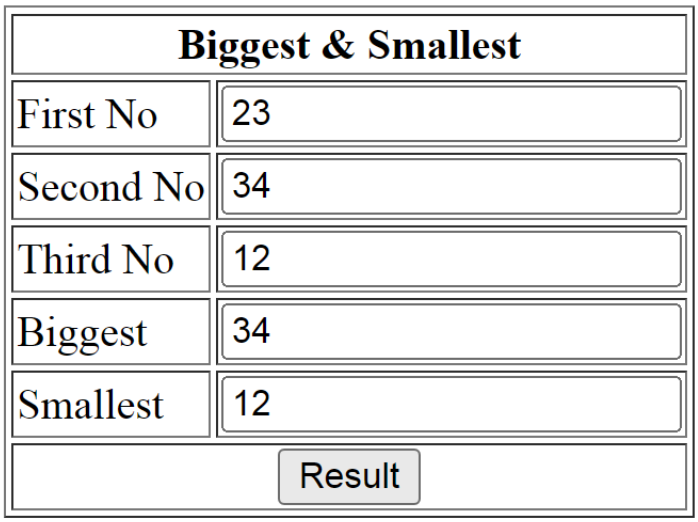
Output :

Arithmetic Operations	
First Value	34
Second Value	12
Addition	46
Subraction	22
Multiplication	408
Division	2.8333333333333
Result	

Output :

Simple & Compound Interest	
Principle	1000
No of Year	2
Rate of Interest	10
Simple Interest	200
Compound Interest	210
Result	

Output :


Biggest & Smallest
First No
23
Second No
34
Third No
12
Biggest
34
Smallest
12
Result

Output :

11
13
17
19
23

Print the Prime Numbers	
Lower Limit	10
Upper Limit	25
Result	

Output :

OTP Generation	
Choose the OTP Types	Four Digit ○ Five Digit ○ Six Digit ○
Result	96749

Output :

```
43
45
56
67
68
76
Sum of the elements in Indexed Array is 355
Average of the elements in Indexed Array is 59.166666666667
```

Output :

Deepak's Age : 18
Senthil's Age: 22
Hari's Age: 20
Arun's Age: 25

```
array
  'Deepak' => string '18' (length=2)
  'Senthil' => string '22' (length=2)
  'Hari' => string '20' (length=2)
  'Arun' => string '25' (length=2)
```

Output :

Eno	Ename	Esalary
1	sonoo	400000
2	john	500000
3	rahul	300000

Output :

Price Chart of Grosary Items		
S.no	**Item**	**Price**
1	Wheat	Rs 200 Per Kg
2	Rice	Rs 80 Per Kg
3	Ragi	Rs 75 Per Kg

Output 1 : Application.html

Application Form		
1.	Application Number	101
2.	Applicant Name	Deepak Mayil
3.	Age	18
4.	Gender	Male: ◉ Female: ○ Third Gender: ○
5.	Nationality	India
6.	Community	OBC
7.	Contact No	8098212264
8.	Email	deepakmayil85@gmail.com
9.	Address	3,Kamarajar Salai Madurai-1
10.	Activity	NSS ☑ NCC ☑ YRC ☐
11.	Courses	Bsc(CS)
12.	Username	admin
13.	Password	•••••
Submit		

Output 2: appdata.php

Application Form		
1.	Application Number	101
2.	Applicant Name	Deepak Mayil
3.	Age	18
4.	Gender	Male
5.	Nationality	India
6.	Community	OBC
7.	Contact No	8098212264
8.	Email	deepakmayil85@gmail.com
9.	Address	3,Kamarajar Salai Madurai-1
10.	Activity	NSS NCC
11.	Courses	Bsc(CS)
12.	Username	admin
13.	Password	admin

Output :

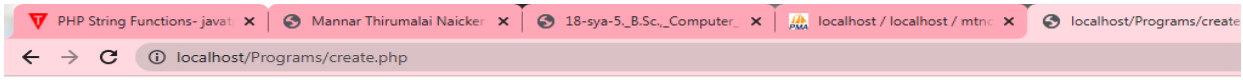
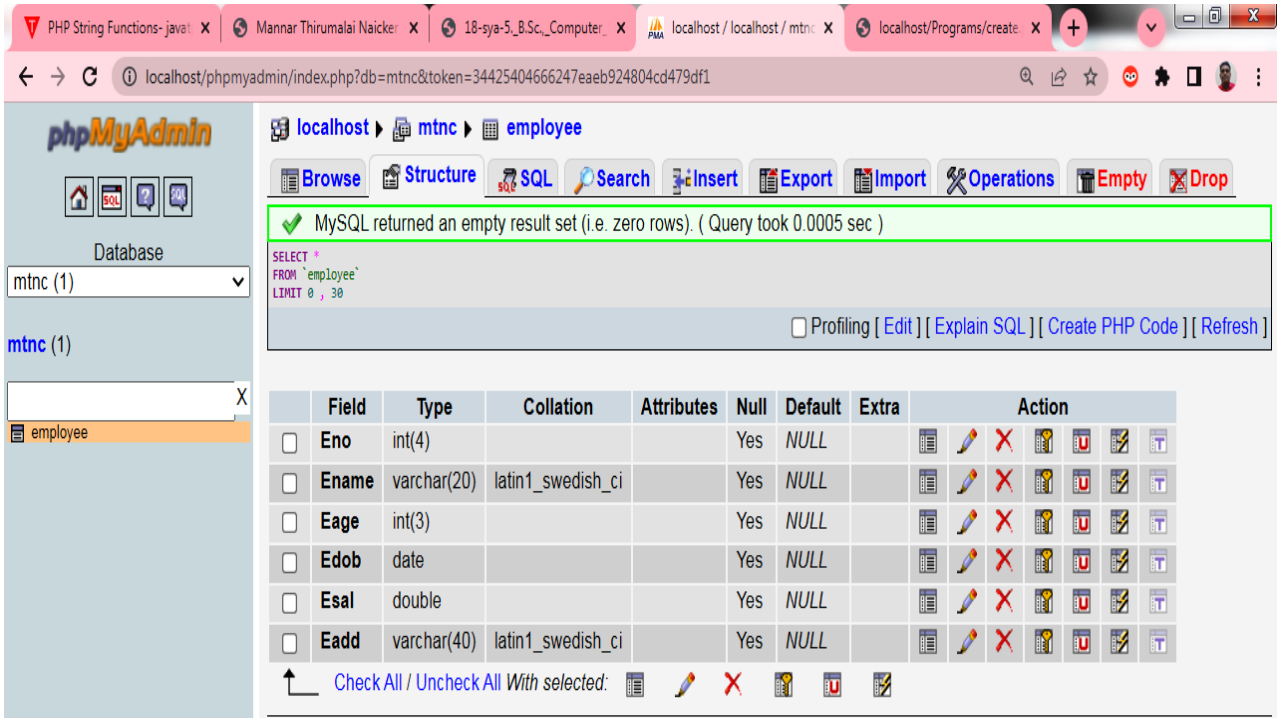
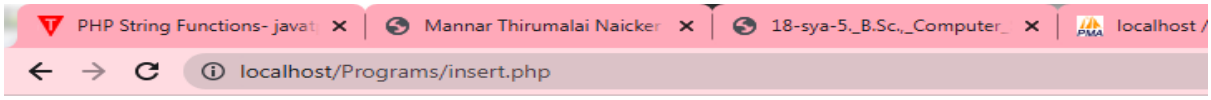


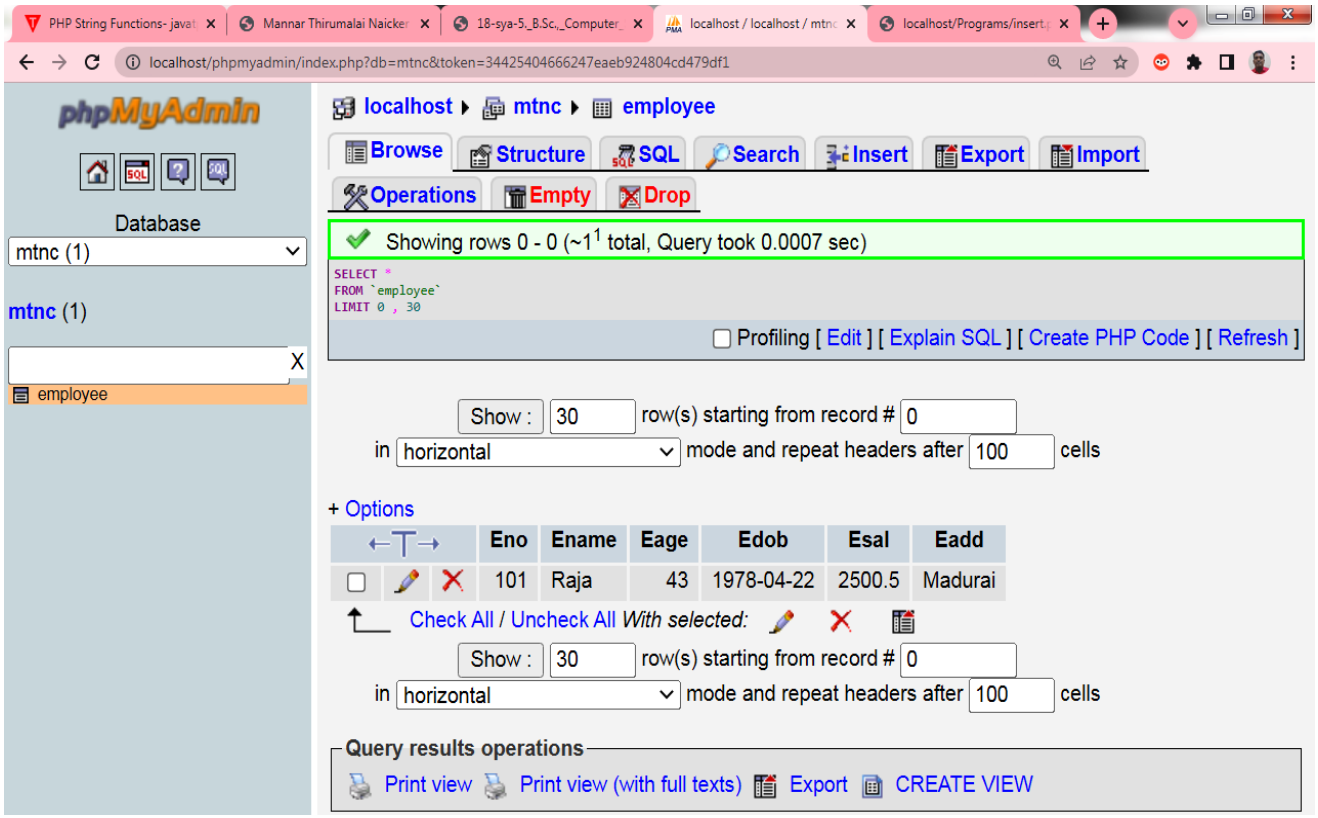
Table Employee created successfully



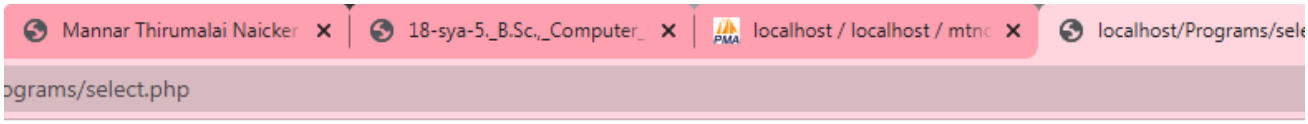
Output :



New record Inserted successfully



Output :



EMPLOYEE TABLE

Eno	Ename	Eage	Edob	Esal	Eadd
101	Raja	43	1978-04-22	2500.5	Madurai
102	Mani	42	1979-03-14	25000.5	Trichy
103	Ravi	40	1980-05-14	13500	Chennai

Output :

Before Update:

EMPLOYEE TABLE

Eno	Ename	Eage	Edob	Esal	Eadd
101	Raja	43	1978-04-22	2500.5	Madurai
102	Mani	42	1979-03-14	25000.5	Trichy
103	Ravi	40	1980-05-14	13500	Chennai

After Update:

Record Updated successfully

When run the select.php we get the result as

EMPLOYEE TABLE

Eno	Ename	Eage	Edob	Esal	Eadd
101	Raja	43	1978-04-22	30000	Madurai
102	Mani	42	1979-03-14	25000.5	Trichy
103	Ravi	40	1980-05-14	13500	Chennai

Output :

Before Delete

EMPLOYEE TABLE

Eno	Ename	Eage	Edob	Esal	Eadd
101	Raja	43	1978-04-22	30000	Madurai
102	Mani	42	1979-03-14	25000.5	Trichy
103	Ravi	40	1980-05-14	13500	Chennai

After Delete

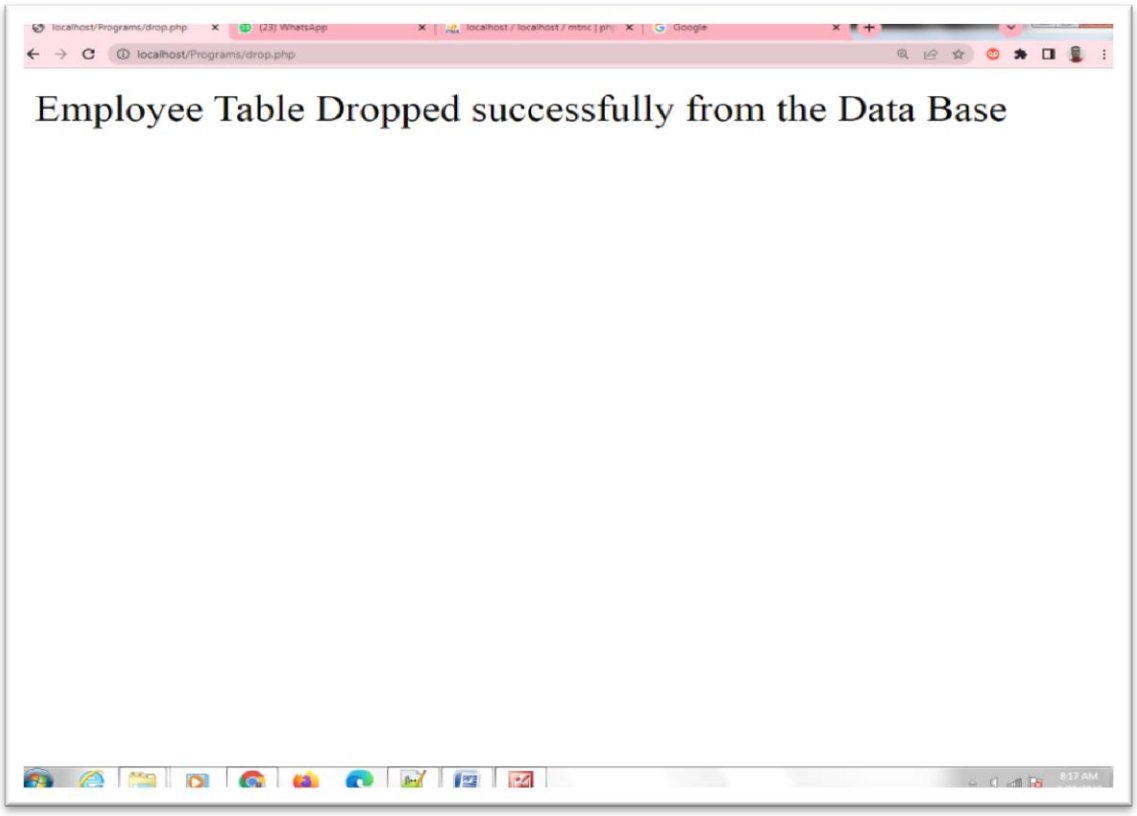
Record Deleted successfully

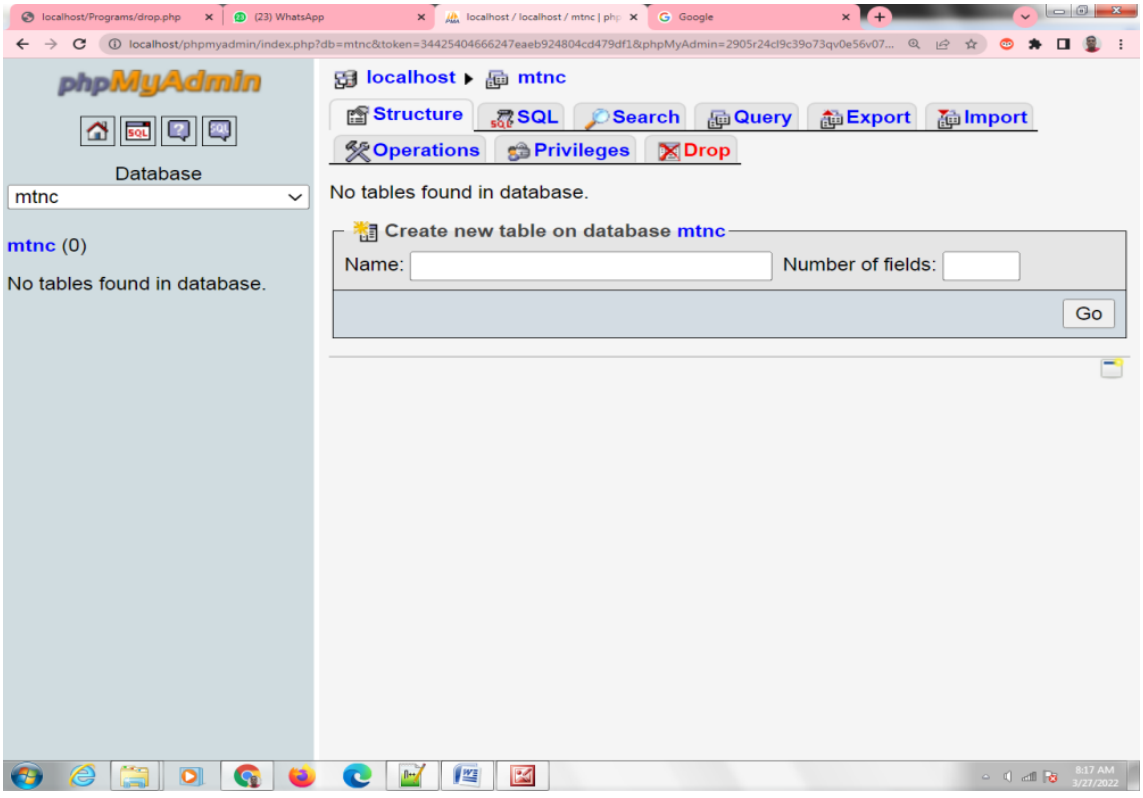
When run the select.php we get the result as

EMPLOYEE TABLE

Eno	Ename	Eage	Edob	Esal	Eadd
101	Raja	43	1978-04-22	30000	Madurai
103	Ravi	40	1980-05-14	13500	Chennai

Output :


localhost/Programs/drop.php
Employee Table Dropped successfully from the Data Base


phpMyAdmin
Database
mtnc
mtnc (0)
No tables found in database.
localhost ▸ mtnc
Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Drop
No tables found in database.
Create new table on database mtnc
Name:
Number of fields:
Go