

1. Sort Associative array

i) Ascending Order according to values

CODE:

```
<!DOCTYPE html>
<html>
<body>
<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
asort($age); foreach($age as $x => $x_value) { echo "Key=" . $x
. ", Value=" . $x_value; echo "<br>";
}
?>
</body>
</html>
```

OUTPUT:

```
Key=XYZ, Value=25
Key=ABC, Value=35
Key=PQR, Value=43
```

ii. Descending Order according to values

CODE

```
<!DOCTYPE html>
<html>
<body>
<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
arsort($age); foreach($age as $x => $x_value) { echo "Key=" . $x
. ", Value=" . $x_value; echo "<br>";
}
?>
</body>
</html>
```

OUTPUT:

```
Key=PQR, Value=43
Key=ABC, Value=35
Key=XYZ, Value=25
```

iii. Ascending Order according to keys

CODE:

```
<!DOCTYPE html>
<html>
<body>
<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
ksort($age); foreach($age as $x => $x_value) { echo "Key=" . $x
. ", Value=" . $x_value; echo "<br>";
}
?>
</body>
</html>
```

OUTPUT:

```
Key=ABC, Value=35
Key=PQR, Value=43
Key=XYZ, Value=25
```

iv. Descending Order according to keys

CODE:

```
<!DOCTYPE html>
<html>
<body>
<?php
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
krsort($age); foreach($age as $x => $x_value) { echo "Key=" . $x
. ", Value=" . $x_value; echo "<br>";
}
?>
</body>
</html>
```

OUTPUT:

```
Key=XYZ, Value=25
Key=PQR, Value=43
Key=ABC, Value=35
```

2. Write a PHP Program to read character by character from a file and write all the vowels in a new file.

CODE:

```
<!DOCTYPE html>
<html>
<body>
<?php
$input=fopen('input.txt','r');
$output=fopen('output.txt','a');
while(!feof($input)) {    $ch=fgetc($input);
    if(preg_match("/[aeiouAEIOU]/",$ch)){
        fwrite($output,$ch." ");
    }
}
?>
</body>
</html>
```

INPUT:

```
Graphic Era University
```

OUTPUT:

```
a i E a U i e i
```

3. Write a PHP program to maintain session of a particular user in different pages. At the end if user wants to logout, then destroy the session.

ANSWER:

Session.html

```
<html>
<body>
  <a href="http://localhost/php/session1.php">Call Session
program</a> </body>
</html>
```

Session1.php

```
<?php
  session_start();
?>
<html>
  <body>
    <?php
      $_SESSION["name"] = "ABC";      $_SESSION["age"] =
"22";
      echo "Session information are set successfully.<br/>";
    ?>
    <a href="http://localhost/php/session2.php">Visit next page</a>
  </body>
</html>
```

Session2.php

```
<?php
  session_start();
?>
<html>
  <body>
```

```
<?php
echo "Name is: ".$_SESSION["name"]."<br />";
echo "Age is: " .$_SESSION["age"];
?>
<br>
<br>
<a href="http://localhost/php/logout.php">click here for
logout</a>    </body>
</html>
```

Logout.php

```
<?php
session_start(); session_destroy();
echo "Logged Out Successfully";
?>
```

OUTPUT:

[Call Session program](#)

Session information are set successfully.
[Visit next page](#)

Name is: ABC
Age is: 22

[click here for logout](#)

Logged Out Successfully

4. Write a program to create a HTML form with following input:

Name, Code, Designation, Salary.

Submit the data into a PHP program. Program accept all the values and insert these values into database.

Form.html

```
<!DOCTYPE html>
<html>
<head>
  <title>PHP insertion</title>
<body>
  <div class="title">
    <h2>Insert Data In Database Using PHP.</h2>  </div>
    <form action="http://localhost/php/insertInDB.php"
method="post">
      <h2>Form</h2>
      <label>NAME:</label>
      <input class="input" name="nm" type="text" value="">
      <br>
      <label>CODE:</label>
      <input class="input" name="cd" type="text" value="">
      <br>
      <label>DESIGNATION:</label>
      <input class="input" name="ds" type="text" value="">
      <br>
      <label>SALARY:</label>
      <input class="input" name="sal" type="text" value="">      <br>
      <input class="submit" name="submit" type="submit" value="Insert">
    </form>
  </body>
</html>
```

InsertInDB.php


```
<!DOCTYPE html>
<html>
<body> <?php
if(isset($_POST['submit']))
{
    $ename = $_POST['nm'];
    $ecode = $_POST['cd'];
    $edesig = $_POST['ds'];
    $esal = $_POST['sal'];
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mydb";
    $conn = mysqli_connect($servername, $username, $password,
$dbname);
    if (!$conn){
        die("Connection failed: " . mysqli_connect_error());
    }
    $sql = "INSERT INTO emp VALUES
('$ename','$ecode','$edesig','$esal')";    if
(mysqli_query($conn, $sql)) {
        echo "New record created successfully";
    } else {
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
    mysqli_close($conn);
}
?>
</body>
</html>
```

OUTPUT:

Insert Data In Database Using PHP.

Form

NAME: CODE: DESIGNATION: SALARY:

New record created successfully

5. Write a PHP program to retrieve records from database and print it in tabular form.

employee.html

```
<!DOCTYPE html>
<html>
<body>
<div class="title">
<h2>Employee record From Database Using PHP.</h2>
</div>
<form action="http://localhost/php/emprecord.php" method="post">
<h2>Employee Record Details</h2>
<input class="submit" name="submit" type="submit" value="Show
Record">
</form>
</body>
</html>
```

Emprecord.php

```
<!DOCTYPE html>
<html>
<body>
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mydb";
    $conn = mysqli_connect($servername, $username, $password,
$dbname);
    if (!$conn)
    {
        die("Connection failed: " . mysqli_connect_error());
    }
    $sql = "SELECT * FROM emp";    $result =
mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) > 0)
```

```

{
    echo "<table border=1>";    echo
"<tr>";    echo "<th>NAME</th>";
echo "<th>CODE</th>";    echo
"<th>DESIGNATION</th>";
    echo "<th>SALARY</th>";    echo
"</tr>";
    while ($row = mysqli_fetch_array($result))
    {
        echo "<tr>";
        echo "<td>".$row['ename']."</td>";
echo "<td>".$row['ecode']."</td>";    echo
"<td>".$row['edesig']."</td>";    echo
"<td>".$row['esal']."</td>";    echo "</tr>";
    }
    echo "</table>";
    mysqli_free_result($result);
}
else{
    echo "No matching records are found.";
}
mysqli_close($conn);
?>
</body>
</html>

```

OUTPUT:

Employee record From Database Using PHP.

Employee Record Details

Show Record

NAME	CODE	DESIGNATION	SALARY
Rahul	101	Manager	55000
Charu	202	Manager	48000
Nisha	205	Receptionist	30000
Abhay	301	Developer	45000

6. Write a PHP program to update salary of employer according to his code.

Update.html

```
<!DOCTYPE html>
<html>
<head>
  <title>PHP insertion</title>
</head>
<body>
  <div class="title">
    <h2>Search Data In Database Using PHP.</h2>
  </div>
  <form action="http://localhost/php/update.php" method="post">
    <h2>Form</h2>
    <label>Enter Code:</label>
    <input class="input" name="cd" type="text" value="">
    <input class="submit" name="submit" type="submit" value="search">
  </form>
</body>
</html>
```

Update.php

```
<!DOCTYPE html>
<html>
<body> <?php
```

```
if(isset($_POST['submit']))
{
    $ecode = $_POST['cd'];
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mydb";

    $conn = mysqli_connect($servername, $username, $password, $dbname);
    if (!$conn){
        die("Connection failed: " . mysqli_connect_error());
    }

    $sql="UPDATE emp SET esal=esal+5001 WHERE
ecode='$ecode'";    if (mysqli_query($conn, $sql)) {
echo "Record update successfully";

    }
    else{
echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
    mysqli_close($conn);
}

?>

</body>

</html>
```

OUTPUT:

Search Data In Database Using PHP.

Form

Enter Code:

Record update successfully

NAME	CODE	DESIGNATION	SALARY
Rahul	101	Manager	55000
Charu	202	Manager	48000
Nisha	205	Receptionist	35001
Abhay	301	Developer	45000

7. Write a PHP program to delete a particular employer according to code.

Delete.html

```
<!DOCTYPE html>
<html>
<body>
  <div class="title">
    <h2>Search Data In Database Using PHP.</h2>
  </div>
  <form action="http://localhost/php/delete.php" method="post">
    <h2>Form</h2>
    <label>Enter Code:</label>
    <input class="input" name="cd" type="text" value="">      <input
class="submit" name="submit" type="submit" value="delete">
    </form>
  </body>
</html>
```

Delete.php

```
<!DOCTYPE html>
<html>
<body> <?php
  if(isset($_POST['submit']))
  {
    $code = $_POST['cd'];
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mydb";
    $conn = mysqli_connect($servername, $username,
$password, $dbname);
    if (!$conn){
      die("Connection failed: " . mysqli_connect_error());
    }
  }
```

```
$sql="delete from emp WHERE code='$ecode'";
if (mysqli_query($conn, $sql)) {
    echo "Record deleted successfully";
}
else{
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
mysqli_close($conn);
}
?>
</body>
</html>
```

OUTPUT:

Search Data In Database Using PHP.

Form

Enter Code:

Record deleted successfully

NAME	CODE	DESIGNATION	SALARY
Rahul	101	Manager	55000
Charu	202	Manager	48000
Nisha	205	Receptionist	35001