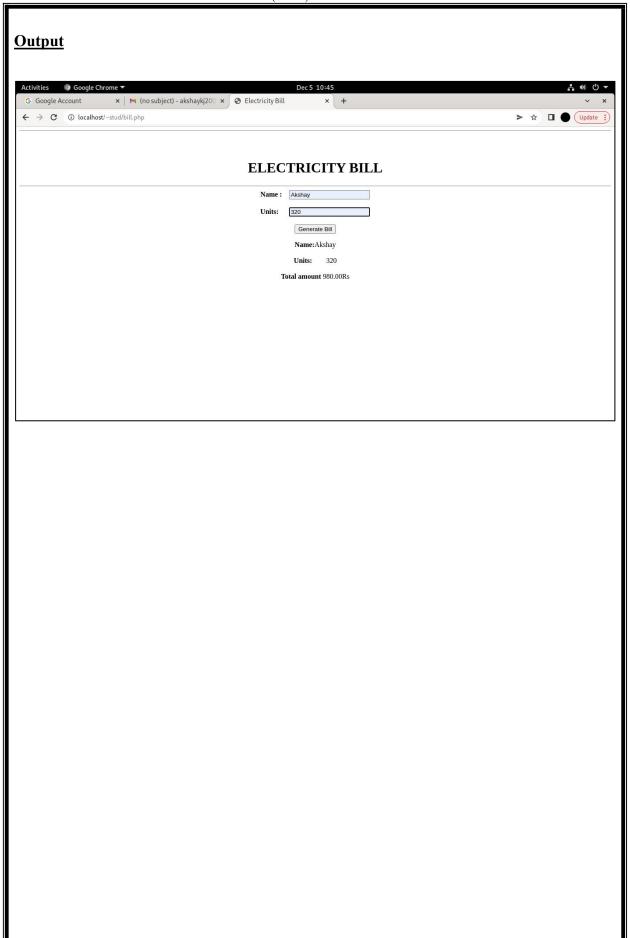
Compose Electricity bill from user input based on a given tariff using PHP.

```
Program Code
<html>
<head><title>Electricity Bill</title></head>
<br/><body><hr><center><br><br><h1><b>ELECTRICITY BILL</b></h1><hr>
<form method="post"><b>
Name: <input type="text" id="name" name="name"
<input type="text" id="units" name="units"</pre>
Units:
<input type="submit" value="Generate Bill" name="submit"><br>
</form>
</b>
<?php
if (isset($ POST['submit']))
$n=$ POST["name"];
$u=$ POST["units"];
if(!empty($u)){
\text{sresult} = \text{bill}(\text{u});
echo "<b>Name:</b>",$n,"<br>>';
echo "<b>Units:
               </b>",$u,"<br><br>";
echo '<b>Total amount</b> ' . $result.'Rs';
function bill($units) {
first = 2;
```

```
$second=3;
times times the state of the 
if($units <= 100) {
$bill = $units * $first;
else if($units > 100 && $units <= 200) {
$temp = 100 * $first;
$remaining_units = $units - 100;
$bill = $temp + ($remaining units * $second);
else {
$temp = 100 * $first;
$temp2=100 * $second;
$remaining units = $units - 200;
$bill =$temp + $temp2 + ($remaining units * $third);
return number_format((float)$bill, 2, '.', ");
?>
</center>
</body></html>
```



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.

## **Program Code**

```
<html>
<head><title>Student Name</title></head>
<body>
<h1>Student Registration </h1>
<hr>>
<form method="post" name="form1"><b>
Student 1 :<input type="text" name="stud1" required="required" placeholder="Enter
name of 1st Student"><br><br>>
Student 2 :<input type="text" name="stud2" required="required" placeholder="Enter
name of 2nd Student"><br><br><br>
Student 3 :<input type="text" name="stud3" required="required" placeholder="Enter
name of 3rd Student"><br>
Student 4 :<input type="text" name="stud4" required="required" placeholder="Enter
name of 4th Student"><br><br><br>
Student 5 :<input type="text" name="stud5" required="required" placeholder="Enter
name of 5thStudent"><br><br><br></br>
<input type="submit" name="submit" value="Enter"></b>
<input type="reset" value="reset"></b>
<br/>hr><hr>
</form>
<?php
$s[0]=$_POST["stud1"];
$s[1]=$ POST["stud2"];
$s[2]=$ POST["stud3"];
$s[3]=$ POST["stud4"];
$s[4]=$ POST["stud5"];
?>
<center>
<h1><u>Students List</h1></u><br>
<h3><i><u>Display using </i> "print r"</u> -<?php
print r($s); ?></h3><br>>
<h3><i><u>Display using </i> "asort()"</u>
<?php asort($s);
foreach($s as $value){
echo $value . " ";}
?>
```

```
</h3><br>>
<h3><i><u>Display using </i> "arsort()"</u> -
<?php arsort($s);
foreach($s as $value){
echo $value . " ";}
?>
</h3><br>>
</center>
</body>
</html>
Output
                                                                                                                       છ ☆ ₹ □ 🚳 :
 Student Registration
 Student 1 : Basil
 Student 2 : Dhanik
 Student 3 : Akshay
 Student 4 : Vishnu
 Student 5 : Manu
 Enter reset
                                                             Students List
                               \underline{\textit{Display using "print r"}} \quad - \text{Array ( [0] => Basil [1] => Dhanik [2] => Akshay [3] => Vishnu [4] => Manu )}
                                            <u>Display using "asort()"</u> - Akshay Basil Dhanik Manu Vishnu
                                            <u>Display using "arsort()"</u> - Vishnu Manu Dhanik Basil Akshay
```

## **AIM**

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

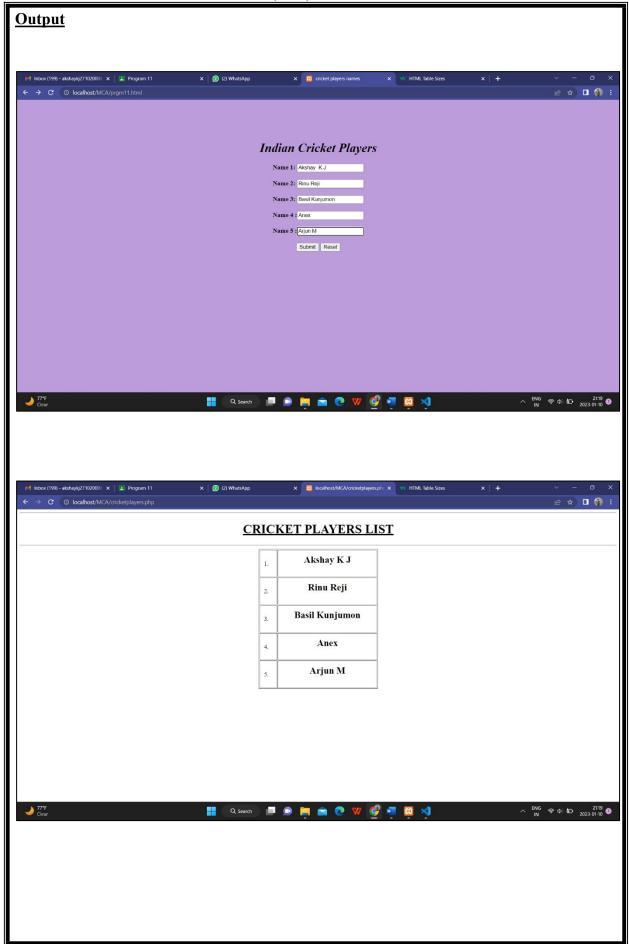
## **Program Code**

- <html>
- <head>
- <title>cricket players names</title>
- </head>
- <body bgcolor="#bc9cdb">
- <center><br><br><br><br><br<</pre>
- <form method="post" action="cricketplayers.php">
- <i><h1> Indian Cricket Players</h1><b></i>
- Name 1: <input type="text" name="name1" id="name1"><br><br>
- Name 2: <input type="text" name="name2" id="name2"><br><br>
- Name 3: <input type="text" name="name3" id="name3"><br><br>
- Name 4:<input type="text" name="name4" id="name4"><br><br>>
- Name 5 :<input type="text" name="name5" id="name5"><br><br>
- <input type="submit" name="submit" id="submit"></b>
- <input type="Reset" name="submit" id="Reset">
- </center>
- </form>
- </body>
- </html>

#### cricketplayers.php

- <html>
- <?php

```
if (isset($_POST['submit']))
 $name [0]= $_POST['name1'];
 $name [1]= $ POST['name2'];
 $name [2]= $ POST['name3'];
 $name [3]= $_POST['name4'];
 $name [4]= $_POST['name5'];
echo "";
echo "<hr><h1><b><u><center>CRICKET PLAYERS LIST</center</h1></u></b>";
echo " ";
echo "<hr>1.<h2> $name[0]</h2>";
echo "";
echo "";
echo "2.<h2> $name[1]</h2>";
echo "";
echo "";
echo "3.<h2> $name[2]</h2>";
echo "";
echo " ";
echo "4.<h2> $name[3]</h2>";
echo "";
echo "";
echo "5.<h2> $name[4]</h2>";
echo "";
echo "";
</html>
```



Outline a registration form using PHP and do necessary validations.

## **Program Code**

```
<?php
$name = $email= $date= $address= $phone= $gender= "";
$name1= $email1= $date1= $address1= $phone1= $gender1= "";
if (isset($ POST["submit"]))
 if (empty($ POST["fname"]))
  $name = "Name is required";
 else
  $name1 = $_POST["fname"];
 if (empty($ POST["email"]))
  $email= "Email is required";
  }
 else
  $email1= $_POST["email"];
  if (empty($_POST["date"]))
  $date = "Date is required";
 else
```

```
det{1} = POST["date"];
 if (empty($_POST["address"]))
  $address = "Address is required";
 else
  $address1= $_POST["address"];
 if (empty($_POST["gender"]))
  $gender = "Gender is required";
 else
  $gender1 = $_POST["gender"];
 if (empty($_POST["phone"]))
  $phone= "phone is required";
else
  $phone1 = $_POST["phone"];
<html>
<head>
<style>
```

```
.error {color: red;}
td{
    padding:15px;
</style>
</head>
<center>
<br/>
<body bgcolor="#66bd99">
<form method="post" action="validationform.php">
<h1><b><u>Form Validation </h1></b></u><hr>
<td style="font-size: 15px;font-family:sans-serif;font-weight: bold; text-shadow: 2px 1px
gray;">
Name:<input type="text" name="fname" style="height:30px;width:250px;">
<span class="error"><?php echo $name;?></span>
gray;">
Email:<input type="text" name="email" style="height:30px;width:250px;">
<span class="error"><?php echo $email;?></span>
<td style="font-size: 15px;font-family:sans-serif;font-weight: bold; text-shadow: 2px 1px
gray;">
Date of Birth: <input type="date" name="date" style="height:30px;width:250px;">
<span class="error"><?php echo $date;?></span>
<td style="font-size: 15px;font-family:sans-serif;font-weight: bold; text-shadow: 2px 1px
gray;">
```

```
Gender: <input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="female">Female
<span class="error"><?php echo $gender;?></span>
>
<td style="font-size: 15px;font-family:sans-serif;font-weight: bold; text-shadow: 2px 1px
gray;">
Phone: <input type="text" name="phone" style="height:30px;width:250px;">
<span class="error"><?php echo $phone;?></span> 
<td style="font-size: 15px;font-family:sans-serif;font-weight: bold; text-shadow: 2px 1px
gray;">
Address :<textarea rows="2" cols="20" name=address
style="height:30px;width:250px;"></textarea>
<span class="error"><?php echo $address;?></span>
<center><input type="submit" name="submit" value="submit">
</form>
<?php
  if(isset($ POST['submit'])) {
  if($name == "" && $email== "" && $date== "" && $phone == "" && $gender== "" &&
$address == "")
    echo "<h3 color=#FF0001> <b>You have sucessfully registered.</b> </h3>";
    echo "<h2><u>Your Input:</h2></u>";
    echo "<b>Name:</b> " .$name1;
    echo "<br/>t>";
    echo "<b>Email:</b> " .$email1;
    echo "<br/>';
    echo "<b>Date of birth:</b> " .$date1;
```

```
FEDERAL INSTITUTE OF SCIENCE & TECHNOLOGY (FISAT)
    echo "<br>";
    echo "<b>Phone No:</b> " .$phone1;
    echo "<br>";
    echo "<b>Address:</b> " .$address1;
    echo "<br>";
    echo "<b>Gender: </b>" .$gender1;
 else
    echo "<h3><b>You didn't filled up the form completely.</b> </h3>";
?>
</body>
</html>
```

# FEDERAL INSTITUTE OF SCIENCE & TECHNOLOGY (FISAT) **Output** Form Validation Name: Akshay K J Email: akshaykj2000@gmail.com Date of Birth : 2000 - 10 - 27 0 Gender: • Male • Female Phone: 07306614719 vattaparambil Address:kavaleeswaram submit Reset You have sucessfully registered. Your Input: Name: Akshay K J Email: akshaykj2000@gmail. Date of birth: 2000-10-27 Phone No: 790661479 Address: vattaparambil kavaleess Gender: male Form Validation Name: Akshay k j Email: akshaykj2000@gmail.com Date of Birth : yyyy-mm-dd Date is required Gender : O Male O Female Phone: 07306614719 vattaparambil Address:kavaleeswaram submit Reset You didn't filled up the form completely.

Develop a PHP program to connect to a database and add data to the employee table and retrieve data from the table and show the retrieved details in a neat format.

## **Program Code**

Employee Name :

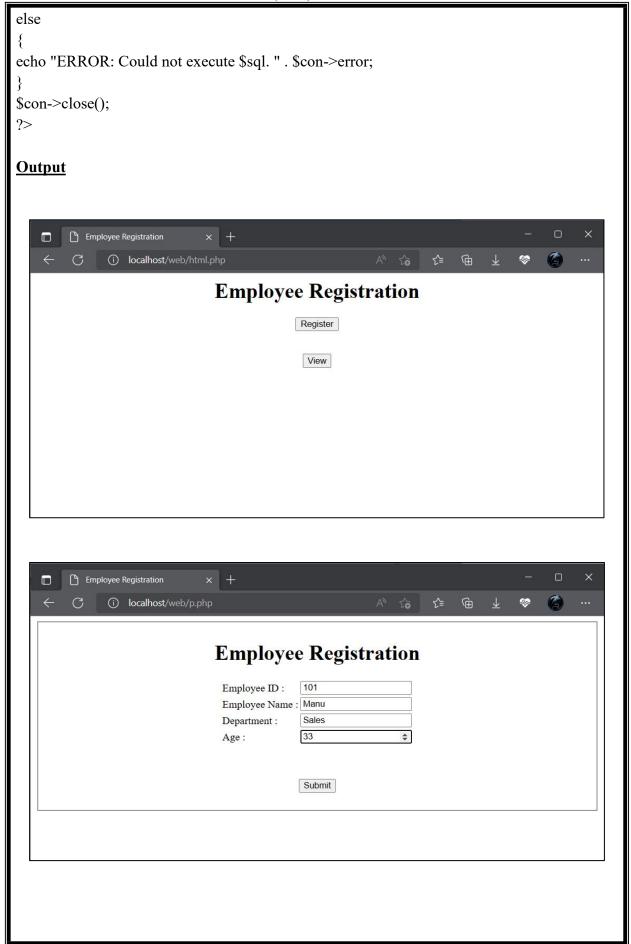
<input type="text" name="ename" id="ename">

```
html.php
```

```
<html>
<head>
<title>Employee Registration</title>
</head>
<body align="center">
<h1>Employee Registration</h1>
<form name="reg" method="POST" action="p.php">
<button > Register </button>
</form>
<br>>
<form method="POST" action="p1.php">
<button > View </button>
</form>
</body>
</html>
p.php
<html>
<head>
<title>Employee Registration</title>
</head>
<body>
<fieldset>
<center>
<h1>Employee Registration</h1>
<form name="eform" method="post" action="con.php">
Employee ID :
<input type="number" name="eid" id="eid">
```

```
Department :
<input type="text" name="edp" id="edp">
Age :
<input type="number" name="eage" id="eage">
 
>
<input type="submit" name="Submit" id="Submit" value="Submit">
</form>
</fieldset>
</center>
</body>
</html>
con.php
<?php
$con = new mysqli('localhost', 'fisat', 'fisat', 'fisatdb');
$id = $ POST['eid'];
$name = $_POST['ename'];
dept = POST['edp'];
$age = $ POST['eage'];
$sql = "INSERT INTO employee(EmpID,EmpName,Department,Age) VALUES($id, '$name',
'$dept', $age)";
$rs = mysqli query($con, $sql);
if($rs)
 echo "Contact Records Inserted";
else
echo "Error : could not execute query : $sql".$con->error;
?>
< html>
<head>
<title></title>
</head>
<body align="center">
<form name="gb" method="POST" action="html.php">
```

```
<button > Go Back! </button>
</form>
</body>
</html>
p1.php
<?php
$con = new mysqli("localhost", "fisat", "fisat", "fisatdb");
if ($con=== false)
 die("ERROR: Could not connect. " . mysqli connect error());
$sql = "SELECT * FROM employee";
if ($result = $con->query($sql))
if (\frac{\text{sresult->num rows}}{0})
?>
<html>
<body>
<center>
Employee IDEmployee NameEmployee
DepartmentEmployee Age
<?php while($row = $result->fetch array()) { ?>
<?php echo $row[0]; ?> <?php echo $row[1];?><?php echo
$row[2];?><?php echo $row[3];?>
<?php
?>
</center>
</html>
<?php
$result->close();
else
 echo "No records matching your query were found.";
```





## **AIM**

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.

## **Program Code**

Title:

```
html.php
```

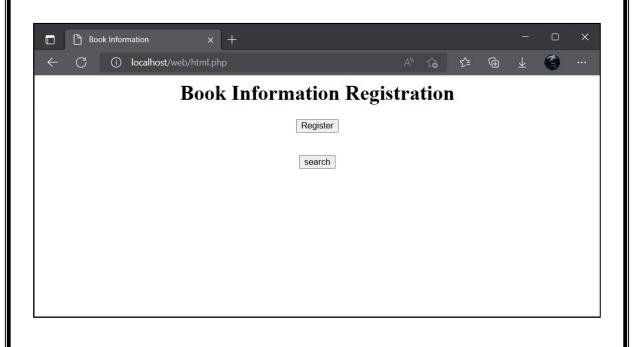
```
<html>
<head>
<title>Book Information</title>
</head>
<br/><body align="center">
<h1>Book Information Registration</h1>
<form name="reg" method="POST" action="p.php">
<button > Register </button>
</form>
<br>
<form method="POST" action="p2.php">
<button>search</button>
</form>
</body>
</html>
p.php
<html>
<head>
<title>Book Information Registration</title>
</head>
<body>
<fieldset>
<center>
<h1>Book Information Registration</h1>
<form name="eform" method="post" action="con.php">
Accession number:
<input type="number" name="accession" id="accession">
```

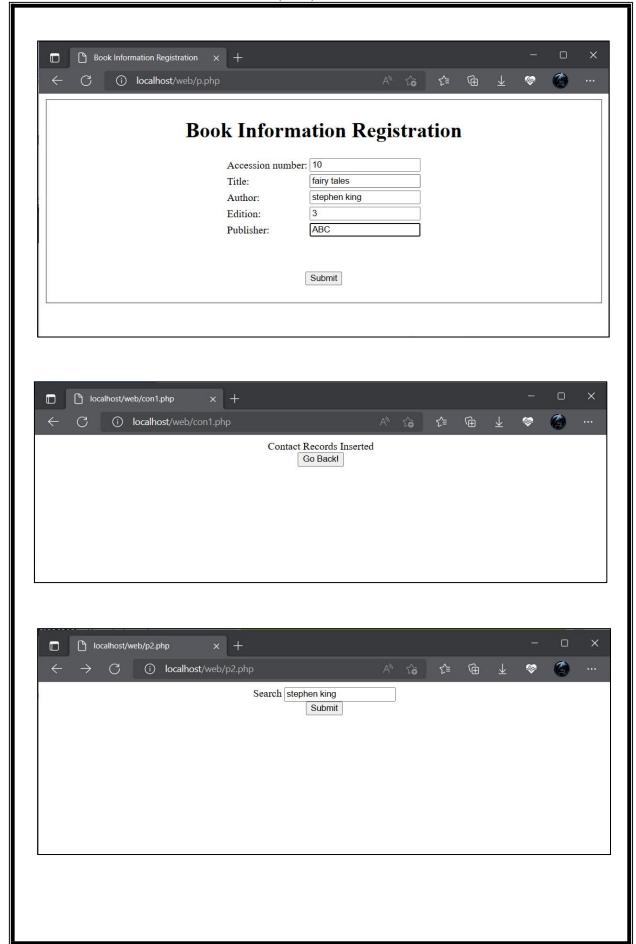
```
<input type="text" name="title" id="title">
Author:
<input type="text" name="author" id="author">
Edition:
<input type="number" name="edition" id="edition">
Publisher:
<input type="text" name="pub" id="pub">
 
>
<input type="submit" name="Submit" id="Submit" value="Submit">
</form>
</fieldset>
</center>
</body>
</html>
p2.php
<html>
<body align="center">
<form action="p1.php" method="post">
Search <input type="text" name="search"><br>
<input type ="submit">
</form>
</body>
</html>
con.php
<?php
$con = new mysqli('localhost', 'fisat', 'fisat', 'fisatdb');
$acc = $ POST['accession'];
$title = $ POST['title'];
$author = $ POST['author'];
$edition = $ POST['edition'];
pub = POST['pub'];
$sql = "INSERT INTO Bookinfo(AccessionNumber, Title, Author, Edition, Publisher)
VALUES('$acc', '$title', '$author', '$edition', '$pub')";
```

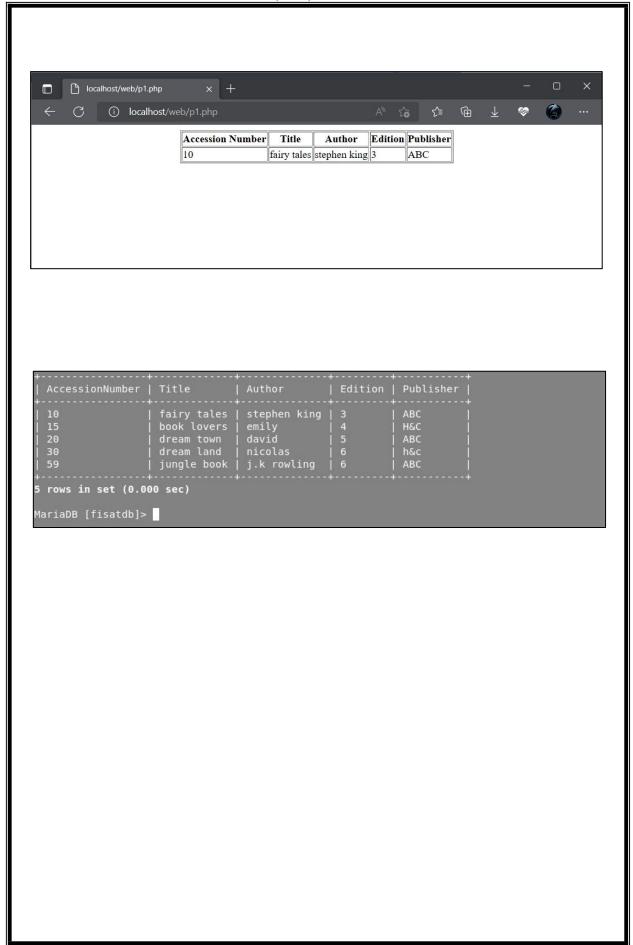
```
$rs = mysqli_query($con, $sql);
if($rs)
 echo "Contact Records Inserted";
else
 echo "Error : could not execute query : $sql".$con->error;
?>
<html>
<head>
<title></title>
</head>
<body align="center">
<form name="gb" method="POST" action="html.php">
<button>Go Back!</button>
</form>
</body>
</html>
p1.php
<?php
$con = new mysqli("localhost", "fisat", "fisat", "fisatdb");
if (scon===false) {
die("ERROR: Could not connect. " . mysqli connect error());
$search = $ POST['search'];
$sql = "select * from Bookinfo where author like '%$search%'";
if ($result = $con->query($sql))
\{ if (\text{sresult->num\_rows} > 0) \}
?>
<html>
<body>
<center>
Accession
NumberTitleAuthorEditionPublisher
<?php while($row = $result->fetch_array()) { ?>
<?php echo $row[0]; ?>
```

```
<?php echo $row[1];?>
<?php echo $row[2];?>
<?php echo $row[3];?>
<?php echo $row[4];?>
<?php
} ?>
</center>
</html>
<?php
$result->close();
} else {
echo "No records matching your query were found.";
} else {
echo "ERROR: Could not execute $sql.". $con->error;
} $con->close();
?>
```

## **Output**







Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.

#### **Program Code**

## airlineinfo.html

```
<html>
<head>
<title>airline</title>
<style>
body{
background-color:Lavender;
text-align:center;
}
</style>
</head>
<body><u>AIRLINE INFORMATION SYSTEM</u><br/>
<a href="add_airlineinfo.html">Add AIRLINE DETAILS</a><br/>
<a href="search1.html">Search AIRLINE DETAILS</a><br/>
</body>
</html>
```

## add airlineinfo.html

```
<html>
<head>
<style>
td{
    padding:15px;
}
body{
background-color:Lavender;
text-align:center;
}
</style>
</head>
<form name="frm2" method="post" action="addair.php">
<h1>Enter Airline Details</h1>

<AIRLINE ID:</td>
```

```
<input type="number" name="id">
AIRLINE NAME:
<input type="text" name="name">
DEPARTURE FROM:
<input type="text" name="depfrom">
DEPARTURE TIME:
<input type="number" name="deptime">
>
AIRRIVAL TIME:
<input type="number" name="aritime">
AIRRIVAL PLACE:
<input type="text" name="ariplace">
<input type="submit" name="submit" value="submit">
<input type="reset" name="reset" value="reset">
</form>
</body>
</html>
addair.php
<?php
$id=$ POST['id'];
$name=$ POST['name'];
$depfrom=$ POST['depfrom'];
$deptime=$ POST['deptime'];
$airtime=$ POST['aritime'];
$airplace=$ POST['ariplace'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
```

```
else
echo "connected";
$sql="INSERT INTO airline
VALUES($id,'$name','$depfrom',$deptime,$airtime,'$airplace')";
if($con->query($sql))
echo "<BR>";
echo 'New row added';
else
echo "ERROR:could not execute query";
$con->close();
?>
search1.hml
<html>
<head>
<title>search</title>
<style>
td
    padding:15px;
body
background-color:Lavender;
text-align:center;
</style>
</head>
<body>
<form name="frm2" action="search11.php"method="POST">
<center>
<b><u>SEARCH AIRLINE</u></b><br
DEPARTURE FROM:<input type="text" name="txt">
```

```
ARIVAL PLACE:
<input type="text" name="txt1"><br>
>
<center><input type="submit" name="Submit"></center>
</form>
</body>
</html>
search11.php
<?php
$depfrom=$ POST['txt'];
$ariplace=$ POST['txt1'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
echo "connected\n";
$sql="select * from airline where dept from='$depfrom' and air place='$ariplace' ";
if($result=$con->query($sql))
if($result->num rows>0)
<h1> <center> Airline Details </center> </h1>
<th>No.</th>
Airline Name
Departure From
Departure Time
Arrival From
Arrival Time
<?php
while($row = $result->fetch array())
```

```
>
<?php echo $row[0];?>
<?php echo $row[1]; ?>
<?php echo $row[2]; ?>
<?php echo $row[3];?>
<?php echo $row[5];?>
<?php echo $row[4]; ?>
<?php
?>
<?php
$result->close();
else
echo "\nCould not found the airline";
else
echo "\nError:could not connect";
$con->close();
?>
```



