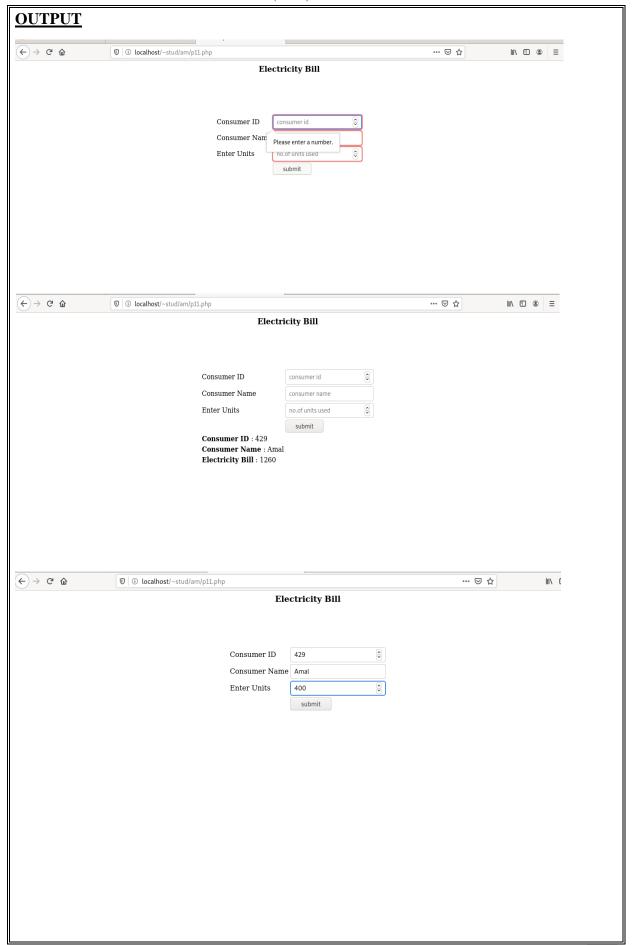
Compose Electricity bill from user input based on a given tariff using PHP.

```
<html>
<head>
<title>Electricity Bill</title>
</head>
<body>
<h3 align="center">Electricity Bill</h3>
<form method="post" action="">
Consumer ID<input type="number" name="con" placeholder="consumer"
id" required>>
Consumer Name<input type="text" name="name"
placeholder="consumer name" required><br>
Enter Units<input type="number" name="un" placeholder="no.of units"
used" required><br
<?php
if (isset($_POST['submit']))
$cid=$_POST['con'];
$cname=$_POST['name'];
<?php echo '<b>Consumer ID </b>: '.$cid; ?> 
<?php echo '<b>Consumer Name </b>: '.$cname; ?> 
<?php
$unit=$_POST['un'];
if ($unit>=50)
$bill=$unit*3.15;
echo '<b>Electricity Bill</b>: '.$bill;
elseif ($unit>50 && $unit<=150)
$bill=$unit*3.70;
echo '<b>Electricity Bill</b>: ',$bill;
elseif ($unit>150 && $unit<=200)
$bill=$unit*6.40;
echo '<b>Electricity Bill</b>: ',$bill;
```

```
else \\
$bill=$unit*7.60;;
echo '<b>Electricity Bill</b>: ',$bill;
}
else
echo '<script>alert("try again")</script>';
?>
</form>
</body>
</html>
```



### <u>AIM</u>

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:**

#### A.PHP

```
<html>
 <head>
   <title>Student Name</title>
   <style>
     body{
     padding-top:70px;
   </style>
 </head>
 <body align="center"bgcolor="green">
   <?php
     if (isset($_POST['submit']))
       nec(0) = POST['name1'];
       $name [1]= $_POST['name2'];
       $name [2]= $_POST['name3'];
       $name [3]= $_POST['name4'];
       echo "Names:";
       print_r($name);
       echo"<br>";
       echo"Names in ascending order:";
       asort($name);
       print r($name);
       echo"<br>";
       echo"Names in descending order:";
       arsort($name);
       print_r($name);
 </body>
</html>
```

```
B.PHP
<html>
<head>
<title>Student Name</title>
<style>
body{
       padding-top:70px;
</style>
</head>
<body align="center"bgcolor="powderblue">
              <form method="POST" action="a.php">
                     <h1>Enter any 4 names:</h1>
                     Name1: <input type="text" name="name1" id="name1"><br>
                     Name2: <input type="text" name="name2" id="name2"><br>
                     Name3: <input type="text" name="name3" id="name3"><br>
                     Name4 :<input type="text" name="name4" id="name4"><br><br>>
<input type="submit" name="submit" id="submit"><br>
</form>
</body>
</html>
OUTPUT
\leftarrow \rightarrow \mathbf{C} ① localhost/~stud/a.php
                                                                        > ☆ □ w Update :
# Apps
```

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

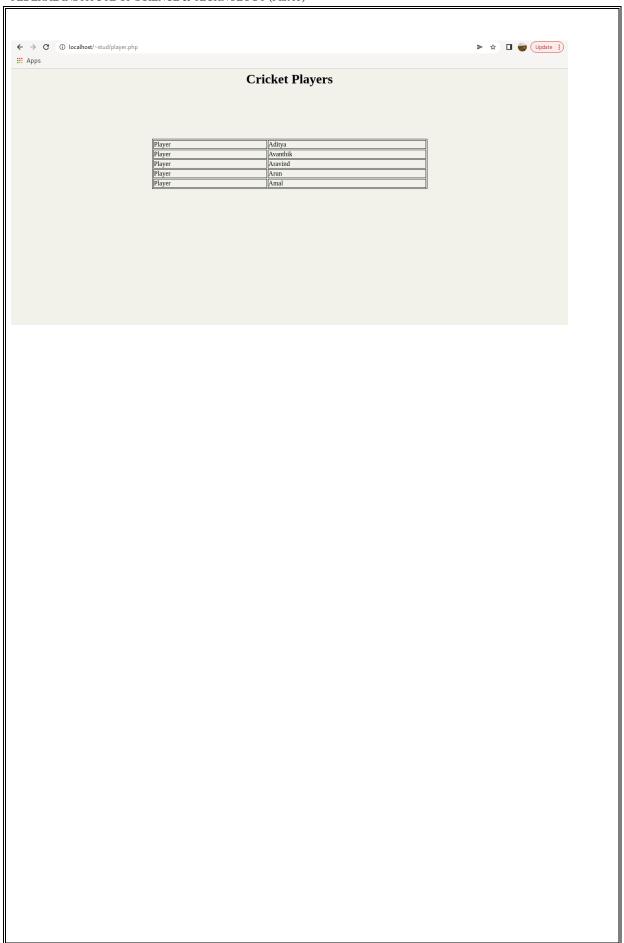
```
PLAYER.PHP
```

```
<html>
<head>
<style>
body {
 background-color: #f2f2eb;
table, th, td {
border: 1px solid;
}</style>
<title>cricket players</title>
</head>
<body>
<h1 align="center">Cricket Players</h1><br>
<?php if(isset($_POST['submit']))</pre>
$cname1=$_POST['p1'];
$cname2=$_POST['p2'];
$cname3=$_POST['p3'];
$cname4=$_POST['p4'];
$cname5=$_POST['p5'];
$array=array($cname1,$cname2,$cname3,$cname4,$cname5);
</form>
<?php foreach ($array as $c)
Player<?php echo $c?><br/>
<?php } ?>
<?php
}
else
echo '<script>alert("try again")</script>';
} ?>
</body>
</html>
```

# **CRICKET.PHP** <html> <head> <style> body { background-color: #f2f2eb;} table, th, td { border: 1px solid; }</style> <title>cricket players</title> </head> <body> <h1 align="center">Cricket Players</h1><br> <form method="post" action="player.php"> 1st Player name<input type="text" name="p1" placeholder="enter 1st" player name" required><br/>> 2nd Player name<input type="text" name="p2" placeholder="enter 2nd" player name" required><br/>> 3rd Player name<input type="text" name="p3" placeholder="enter 3rd" player name" required>>br> 4th Player name<input type="text" name="p4" placeholder="enter 4th" player name" required>>br> 5th Player name<input type="text" name="p5" placeholder="enter 5th" player name" required>>br> <br/>submit" name="submit" value="submit"><br/>submit">< </body></html> **OUTPUT** ➤ ☆ □ w Update : ← → C ① localhost/~stud/cricket.php **Cricket Players**

# 1st Player name Aditya 2nd Player name Avanthik 3rd Player name Aravind 5th Player name Amai

#### FEDERAL INSTITUTE OF SCIENCE & TECHNOLOGY (FISAT)



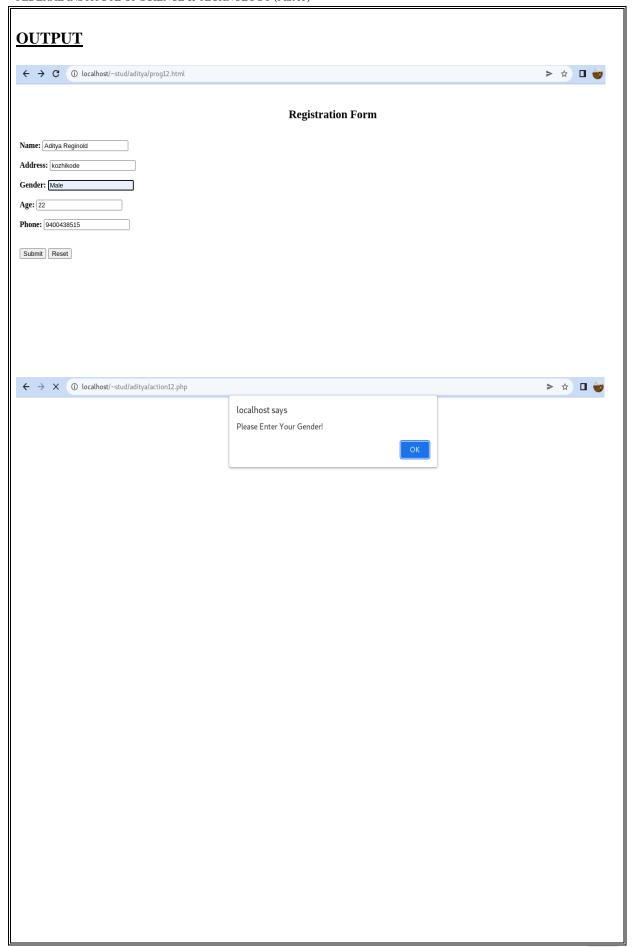
Outline a registration form using PHP and do necessary validations.

```
<html>
      <head>
             <title>Registration Form</title>
      </head>
      <body>
             <br>
             <h2 align="center">Registration Form</h2>
             <form name="form1" method="post" action="action12.php">
                    <strong>Name: </strong><input type="text" name="name">
                    <br>><br>>
                    <strong>Address: </strong><input type="text" name="address">
                    <br>><br>>
                    <strong>Gender: </strong><input type="radio" name="gender">
                    <br>><br>>
                    <strong>Age: </strong><input type="text" name="age">
                    <br>><br>>
                    <strong>Phone: </strong><input type="text" name="phone">
                    <br><br><br>>
                    <input type="submit" name="submit" value="Submit">
                    <input type="reset" name="reset" value="Reset">
             </form>
      </body>
</html>
```

### **ACTION12.PHP**

```
<?php
       $name=$ POST['name'];
       $address=$_POST['address'];
       $gender=$_POST['gender'];
       $age=$_POST['age'];
       $phone=$_POST['phone'];
       if($name==NULL)
              echo '<script>alert("Please Fill Out Your Name!");
window.history.back();</script>';
              return false;
       if($address==NULL)
              echo '<script>alert("Please Fill Out Your Address!");
window.history.back();</script>';
              return false;
       if($gender==NULL)
              echo '<script>alert("Please Enter Your Gender!");
window.history.back();</script>';
              return false:
       }
       if($age==NULL)
              echo '<script>alert("Please Enter Your Age!");
window.history.back();</script>';
              return false;
       else if (!ctype_digit($age))
              echo '<script>alert("Please Enter A Numeric Value For Age!");
window.history.back();</script>';
              return false;
       }
       if($phone==NULL)
              echo '<script>alert("Please Enter Your Phone Number!");
window.history.back();</script>';
              return false;
```

```
FEDERAL INSTITUTE OF SCIENCE & TECHNOLOGY (FISAT)
       else if (!ctype_digit($phone))
              echo '<script>alert("Please Enter Numeric Values For Phone Number!");
window.history.back();</script>';
              return false;
       else if (strlen($phone)!==10)
              echo '<script>alert("Please Enter A 10 Digit Phone Number!");
window.history.back();</script>';
              return false;
       }
       else
              echo '<script>alert("Successfully Submitted!");
window.history.back();</script>';
?>
```

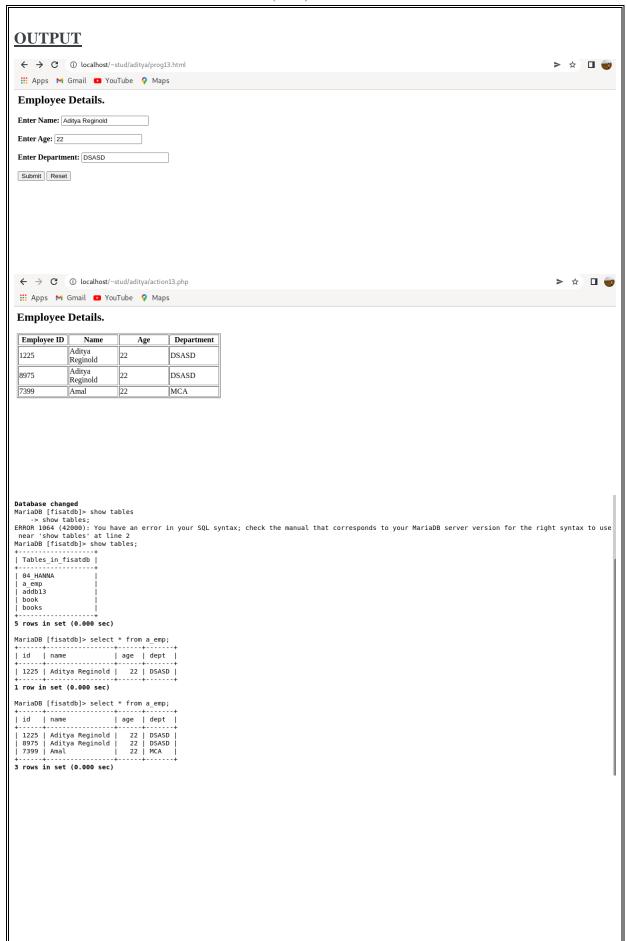


Develop a PHP program to connect to a database and add data to the employee table and retrieve data from the table and show the retrieved details in a neat format.

```
PROGRAM13.HTML
```

```
<html>
       <head>
              <title>Program 13</title>
       </head>
       <body>
              <h2>Employee Details.</h2>
              <form name="form1" method="POST" action="action13.php">
                     <strong>Enter Name: </strong><input type="text" name="name"</pre>
required>
                     <br>><br>>
                     <strong>Enter Age: </strong><input type="text" name="age"</pre>
required>
                     <br>><br>>
                     <strong>Enter Department: </strong><input type="text" name="dep"</pre>
required>
                     <br>><br>>
                     <input type="submit" name="submit" value="Submit">
                     <input type="reset" name="reset" value="Reset">
              </form>
       </body>
</html>
ACTION13.PHP
<?php
       $con= new mysqli("localhost","fisat","fisatdb");
       if($con===false)
             die("ERROR: Could not connect." . mysqli_connect_error());
       else
              $name=$_POST['name'];
              $age=$_POST['age'];
              $dep=$ POST['dep'];
              $id=rand(1000,9999);
```

```
$sql = "INSERT INTO a_emp (id,name,age,dept) VALUES
('$id','$name','$age','$dep')";
           if ($con->query($sql) === true)
                 $sql1 = "SELECT id,name,age,dept FROM a emp";
           if ($result=$con->query($sql1))
                if (($result->num_rows)>0)
                      echo "<h2>Employee Details.</h2>";
                      echo "";
                            echo "";
                                  echo "Employee ID";
                                  echo "Name";
                                  echo "Age";
                                  echo "Department";
                            echo "";
                      while($row = $result->fetch_array())
                            echo "";
                                  echo "".$row[0]."";
                                  echo "".$row[1]."";
                                  echo "".$row[2]."";
                                  echo "".$row[3]."";
                            echo "";
                      echo "";
                      $result->close();
           else
                echo "ERROR: Could not execute query: $sql1.".$con->error;
           else
                echo "ERROR: Could not execute query: $sql. " . $con->error;
     $con->close();
?>
```



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.

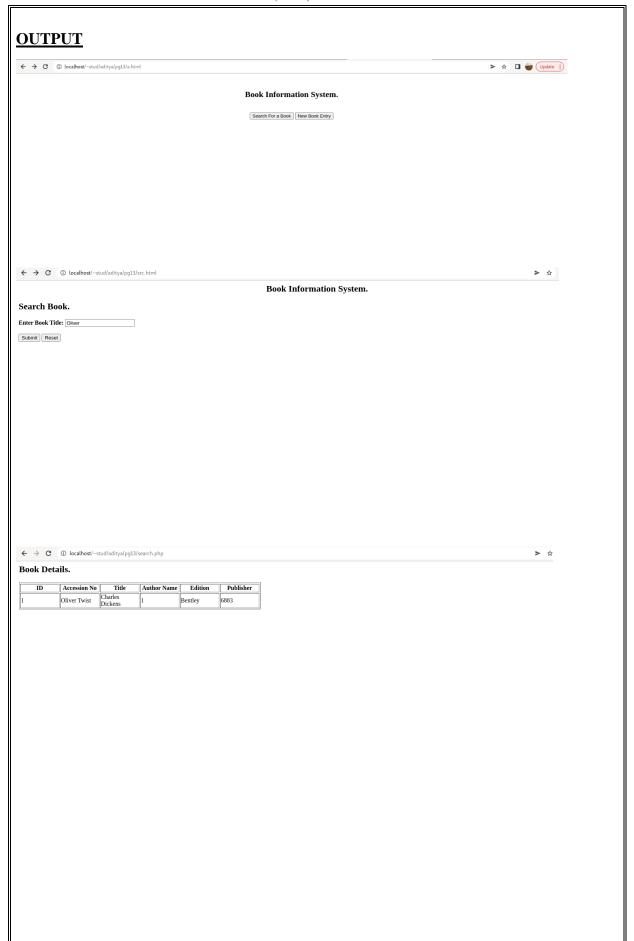
```
P13.HTML
```

```
<html>
       <head>
              <title>Program 14</title>
       </head>
       <body>
              <h2>Book Details.</h2>
              <form name="form1" method="POST" action="action13.php">
                     <strong>Enter Accsession number: </strong><input type="number"</pre>
name="an" required>
                     <br>><br>>
                     <strong>Enter Title: </strong><input type="text" name="title"</pre>
required>
                     <br>><br>>
                      <strong>Enter author name: </strong><input type="text"</pre>
name="aname" required>
                      <hr><hr><hr><
                     <strong>Enter edition: </strong><input type="number"</pre>
name="edition" required>
                     <br>><br>>
                     <strong>Enter publisher: </strong><input type="text" name="publish"</pre>
required>
                     <br>><br>>
                     <input type="submit" name="submit" value="Submit">
                     <input type="reset" name="reset" value="Reset">
              </form>
       </body>
</html>
A.HTML
<html>
       <head>
```

```
<title>Program 14</title>
      </head>
      <body align="center">
             <br>
             <h2>Book Information System.</h2>
             <br>
             <a href="src.html"><button>Search For a Book</button></a>
             <a href="p13.html"><button>New Book Entry</button></a>
      </body>
</html>
SRC.HTML<html>
      <head>
             <title>Program 14</title>
      </head>
      <body>
             <h2 align="center">Book Information System.</h2>
             <h2>Search Book.</h2>
             <form name="form1" method="POST" action="search.php">
                     <strong>Enter Book Title: </strong><input type="text"</pre>
name="title"required>
                    <hr><hr><hr>
                    <input type="submit" name="submit" value="Submit">
                    <input type="reset" name="reset" value="Reset">
             </form>
             <br>><br>>
      </body>
</html>
ACTION13.PHP
<?php
      $con= new mysqli("localhost","fisat","fisat","fisatdb");
      if($con===false)
             die("ERROR: Could not connect." . mysqli_connect_error());
      else
             $access=$_POST['an'];
             $title=$ POST['title'];
             $author=$_POST['aname'];
              $edit=$_POST['edition'];
             $pub=$_POST['publish'];
             $id=rand(1000,9999);
```

```
$sql = "INSERT INTO bookinfo (id,accno,title,auna,edition,publisher)
VALUES ('$id', '$access', '$title', '$author', '$edit', '$pub')";
           if ($con->query($sql) === true)
                 $sql1 = "SELECT id,accno,title,auna,edition,publisher FROM
bookinfo";
           if ($result=$con->query($sql1))
                 if (($result->num_rows)>0)
                      echo "<h2>BOOK INFORMATION.</h2>";
                      echo "";
                            echo "";
                                  echo "ID";
                                  echo "Accession No";
                                  echo "Title";
                                  echo "Author Name";
                                  echo "Edition";
                                  echo "Publisher";
                            echo "";
                      while($row = $result->fetch_array())
                            echo "";
                                  echo "".$row[0]."";
                                  echo "".$row[1]."";
                                  echo "".$row[2]."";
                                  echo "".$row[3]."";
                                  echo "".$row[4]."";
                                  echo "".$row[5]."";
                            echo "";
                      echo "";
                      $result->close();
           }
           else
                 echo "ERROR: Could not execute query: $sql1.". $con->error;
           else
                echo "ERROR: Could not execute query: $sql. " . $con->error;
     $con->close();
```

```
SEARCH.PHP
<?php
     $con= new mysqli("localhost","fisat","fisatdb");
     if($con===false)
          die("ERROR: Could not connect. " . mysqli_connect_error());
     else
          $title=$_POST['title'];
          $sql1 = "SELECT * FROM bookinfo WHERE title LIKE '%$title%'";
          if ($result=$con->query($sql1))
           {
                if (($result->num_rows)>0)
                     echo "<h2>Book Details.</h2>";
                     echo "";
                           echo "";
                                echo "";
                                 echo "ID";
                                echo "Accession No";
                                echo "Title";
                                echo "Author Name";
                                echo "Edition";
                                echo "Publisher";
                           echo "";
                           while($row = $result->fetch_array())
                      {
                           echo "";
                                echo "".$row[0]."";
                                 echo "".$row[1]."";
                                echo "".$row[2]."";
                                echo "".$row[3]."";
                                echo "".$row[4]."";
                                echo "".$row[5]."";
                           echo "";
                     echo "";
                      $result->close();
           }
          else
                echo "ERROR: Could not execute query: $sql1.". $con->error;
     $con->close();
?>
```



 $\leftarrow$   $\rightarrow$   $\mathbf{C}$  (i) localhost/~stud/aditya/pg13/action13.php

#### BOOK INFORMATION.

ID	Accession No	Title	Author Name	Edition	Publisher
4197	3	Alchemist	Paulo Coelho	1	Harper Torch
6883	1	Oliver Twist	Charles Dickens	1	Bentley
3575	2	Wishing Chair	Enid Blyton	2	John
6761	4	Bleak House	Charles Dickens	5	Francis
9995	5	Robinson Crusoe	Daniel Defoe	6	James
2527	6	Robinson Cruose	Daniel Defoe	7	James

#### **DATABASE**

<br>

### **AIM**

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

```
PROGRAM CODE:
P15.HTML
<html>
       <head>
              <title>Program 15</title>
       </head>
       <body>
              <h2>AIRLINE DETAILS.</h2>
              <form name="form1" method="POST" action="action13.php">
                     <strong>Enter Accsession number: </strong><input type="number"</pre>
name="an" required>
                     <br>><br>>
                     <strong>Enter Airline Name: </strong><input type="text" name="air"</pre>
required>
                     <br>><br>>
                     <strong>Departure: </strong><input type="text" name="dep"</pre>
required>
                     <br>><br>>
                     <strong>Arrival: </strong><input type="text" name="arr" required>
                     <br>><br>>
                     <input type="submit" name="submit" value="Submit">
                     <input type="reset" name="reset" value="Reset">
             </form>
       </body>
</html>
<u>a.ht</u>ml
<html>
       <head>
              <title>Program 14</title>
       </head>
       <body align="center">
              <br/>br>
              <h2>AIRLINE INFORMATION</h2>
```

```
<a href="src.html"><button>Search For an Airline</button></a>
              <a href="p15.html"><button>New Airline Entry</button></a>
       </body>
</html>
src.html
<html>
       <head>
              <title>Program 14</title>
       </head>
       <body>
              <h2 align="center">Airline Information System.</h2>
              <h2>Search Airline</h2>
              <form name="form1" method="POST" action="search.php">
                     <strong>Departure: </strong><input type="text"
name="dep"required>
                     <br>><br>>
                     <strong>Arrival:</strong><input type="text" name="arr"required>
                     <input type="submit" name="submit" value="Submit">
                     <input type="reset" name="reset" value="Reset">
              </form>
              <br>><br>>
       </body>
</html>
action13.php
<?php
       $con= new mysqli("localhost","fisat","fisat","fisatdb");
       if($con===false)
              die("ERROR: Could not connect. " . mysqli_connect_error());
       else
              $access=$_POST['an'];
              $airline=$_POST['air'];
              $depart=$_POST['dep'];
              $arriv=$_POST['arr'];
              $id=rand(1000,9999);
              $sql = "INSERT INTO airline (id,an,air,dep,arr) VALUES
('$id', '$access', '$airline', '$depart', '$arriv')";
              if ($con->query($sql) === true)
                     $sql1 = "SELECT id,an,air,dep,arr FROM airline";
```

```
if ($result=$con->query($sql1))
           {
                if (($result->num_rows)>0)
                      echo "<h2>AIRLINE INFORMATION.</h2>";
                      echo "";
                           echo "";
                                 echo "ID";
                                 echo "Accession No";
                                 echo "Airline";
                                 echo "Departure";
                                 echo "Arrival";
                           echo "";
                      while($row = $result->fetch_array())
                           echo "";
                                 echo "".$row[0]."";
                                 echo "".$row[1]."";
                                 echo "".$row[2]."";
                                 echo "".$row[3]."";
                                 echo "".$row[4]."";
                           echo "";
                      }
                      echo "";
                      $result->close();
           }
          else
                echo "ERROR: Could not execute query: $sql1.".$con->error;
          else
                echo "ERROR: Could not execute query: $sql. " . $con->error;
     $con->close();
?>
search.php
<?php
     $con= new mysqli("localhost","fisat","fisatdb");
     if($con===false)
          die("ERROR: Could not connect. " . mysqli_connect_error());
```

```
else
          $depart=$_POST['dep'];
          $arriv=$_POST['arr'];
          $sql1= "SELECT * FROM airline WHERE dep='$depart' and arr='$arriv'";
          if ($result=$con->query($sql1))
                if (($result->num_rows)>0)
                     echo "<h2>Airline Details.</h2>";
                     echo "";
                           echo "";
                                echo "";
                                echo "ID";
                                echo "Accession No";
                                echo "Airline";
                                echo "Departure";
                                echo "Arrival";
                           echo "";
                     while($row = $result->fetch_array())
                           echo "";
                                echo "".$row[0]."";
                                echo "".$row[1]."";
                                echo "".$row[2]."";
                                echo "".$row[3]."";
                                echo "".$row[4]."";
                           echo "";
                     }
                     echo "";
                     $result->close();
                }
          else
                echo "ERROR: Could not execute query: $sql1.".$con->error;
     $con->close();
?>
```

