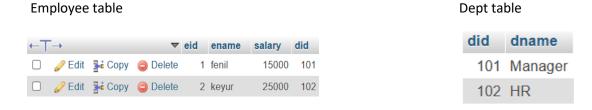
QUESTION NO:1

Create a form in PHP which will allows insert, display, delete and update the data in following table.

Emp(empid,name,basic,did)

Dept(did,dname)

While inserting or updating display respective dname in selection box



Connect.php

```
<?php
function connection()
{
    $servername="localhost";
    $username="root";
    $password="";
    $database="assignment";

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

return $conn;
}
?>
```

Code.php

```
<?php
include_once 'connect.php';
function insert($eid, $ename, $salary, $did)
$conn = connection();
$sql = "insert into emp (eid,ename,salary,did) values($eid,'$ename',$salary,$did)";
$result = $conn->query($sql);
$conn->close();
return $result;
}
function delete($eid)
{
$conn = connection();
$sql = "delete from emp where eid=$eid";
$result = $conn->query($sql);
$conn->close();
}
function update($eid, $ename, $salary, $did)
$conn = connection();
$sql = "update emp set ename='$ename',salary=$salary, did=$did where eid=$eid";
$result = $conn->query($sql);
```

```
$conn->close();
}
function display()
{
$conn = connection();
$sql = "select * from emp,dept where emp.did=dept.did";
$result = $conn->query($sql);
$conn->close();
return $result;
}
function search_emp($eid)
{
$conn = connection();
$sql = "select * from emp,dept where emp.did=dept.did and eid=$eid";
$result = $conn->query($sql);
$conn->close();
return $result;
?>
```

Code2.php

```
<?php include_once 'connect.php';
function display_dept()
{
    $conn = connection();
    $sql = "select * from dept";
    $result = $conn->query($sql);
    $conn->close();
    return $result;
}
```

View.php

```
<html>
<body>
<form action="view.php" method="post">
<?php

include_once "code.php";

include_once "code2.php";

if (isset($_REQUEST["submit"])) //insert record
{

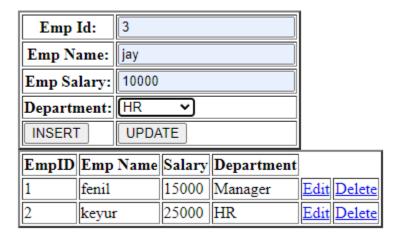
$eid = $_REQUEST["eid"];
$ename = $_REQUEST["ename"];
$salary = $_REQUEST["salary"];
```

```
$did = $_REQUEST["did"];
        $stat = insert($eid, $ename, $salary, $did);
       //if($stat)
       //{
        echo '<script>alert("inserted")</script>';
       //}
}
if (isset($_REQUEST["update"])) //update record
{
        $eid = $_REQUEST["eid"];
        $ename = $_REQUEST["ename"];
        $salary = $_REQUEST["salary"];
        $did = $_REQUEST["did"];
        update($eid, $ename, $salary, $did);
}
$id = $ename = $sal = $dept = $dept11 = "";
if (isset($_GET['eid'])) //Code For DElete
{
        delete($_GET['eid']);
if (isset($_GET['eid'])) //Code for Update
{
```

```
$result1 = search_emp($_GET['eid']);
     $row = $result1->fetch_assoc();
     $id = $row["eid"];
     $ename = $row["ename"];
     $salary = $row["salary"];
     $did = $row["did"];
}
?>
 Emp Id:
           <input type="text" name="eid" value=<?php echo $id ?>> 
      Emp Name:
           <input type="text" name="ename" value=<?php echo $ename ?>>
      Emp Salary:
           <input type="text" name="salary" value=<?php echo $sal ?>>
      Department:
<select name="did">
```

```
<?php
            $result = display_dept();
            if ($result->num_rows > 0) {
            while ($row = $result->fetch_assoc()) {
      ?>
<option value="<?php echo $row["did"]; ?>" <?php if ($row["did"] == $dept11)</pre>
      echo 'selected' ?>>
      <?php echo $row["dname"]; ?>
</option>
<?php
      }
}
?>
</select>
<input type=submit name="submit" value="INSERT"></input>
      <input type=submit name="update" value="UPDATE"></input>
EmpID
            Emp Name
            Salary
```

```
Department
      <?php
      $result = display();
      if ($result->num_rows > 0) {
            while ($row = $result->fetch_assoc()) {
                  ?>
      <?php echo $row["eid"]; ?>
            <?php echo $row["ename"]; ?> 
            <?php echo $row["salary"]; ?> 
            <?php echo $row["dname"]; ?>
            <a href="View2.php?eid=<?php echo $row["eid"]; ?>" ?>Edit</a>
            <a href="View2.php?eid1=<?php echo $row["eid"]; ?>" ?>Delete</a>
      </form>
<?php
            }
      }
      ?>
</body>
</html>
```



QUESTION NO:2

Create a web page using PHP for a courier company to help the operator to store courier information(booking id, customer name, booking date, contact number, destination address, weight of parcel, amount charged). Provide following functionalities:

- 1. Add courier information in the database
- 2. View all booking information
- 3. Delete the information based on booking id.
- 4. Search courier details based on the client's contact number

DB c_info



Connect.php

<?php
function connection()
{</pre>

```
$servername = "localhost";
$username = "root";
$password = "";
$database="assignment";
// Create connection
$conn = new mysqli($servername, $username, $password,$database);
return $conn;
}
?>
```

Code.php

```
<?php
include_once 'connect.php';
function insert($b_id,$cname,$b_date,$cno,$dest_addr,$weight,$amt)
{
$conn = connection();
$sql = "insert into c_info(b_id,cname,b_date,cno,dest_addr,weight,amt)
values($b_id,'$cname','$b_date',$cno,'$dest_addr',$weight,$amt)";
$conn->query($sql);
$conn -> close();
//return $result;
}
?>
<?php
include_once 'connect.php';</pre>
```

Pipaliya Shubham

Roll No:28

function display()

{

\$conn = connection();

\$sql = "select * from c_info";

\$res = \$conn->query(\$sql);

\$conn -> close();

return \$res;

}

?>

<?php

include_once 'connect.php';

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

function search_c_info(\$cno)

\$conn=connection();

\$res=\$conn->query(\$sql);

\$sql="delete from c_info where b_id=\$b_id";

\$sql="select * from c_info where cno=\$cno";

function delete(\$b_id)

\$conn=connection();

\$conn->close();

return \$result;

}

?>

<?php

```
Pipaliya Shubham Roll No:28
```

```
$conn->close();
return $res;
}
?>
```

View.php

```
<html>
<body>
 <form action="view.php" method="post">
   <?php
   include_once "code.php";
   if (isset($_REQUEST["insert"])) {
     $b_id = $_REQUEST["b_id"];
     $cname = $_REQUEST["cname"];
     $b_date = $_REQUEST["b_date"];
     $cno = $_REQUEST["cno"];
     $dest_addr = $_REQUEST["dest_addr"];
     $weight = $_REQUEST["weight"];
     $amt = $_REQUEST["amt"];
     insert($b_id, $cname, $b_date, $cno, $dest_addr, $weight, $amt);
     echo '<script> alert("INSERTED")</script>';
   }
   ?>
```

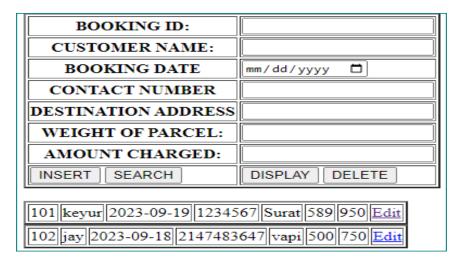
```
BOOKING ID:
 <input type="text" name="b_id">
CUSTOMER NAME:
 <input type="text" name="cname">
BOOKING DATE
 <input type="date" name="b_date">
 CONTACT NUMBER
 <input type="text" name="cno">
DESTINATION ADDRESS
 <input type="text" name="dest_addr">
WEIGHT OF PARCEL:
 <input type="text" name="weight">
```

```
AMOUNT CHARGED:
      <input type="text" name="amt">
     <input type="submit" name="insert" value="INSERT">
        <input type="submit" name="search_c_info" value="SEARCH">
      <input type="submit" name="display" value="DISPLAY">
        <input type="submit" name="delete" value="DELETE">
      </form>
</body>
</html>
<?php
include_once "code.php";
if (isset($_REQUEST["display"])) {
 $res = display();
 if ($res->num_rows > 0) {
   while ($row = $res->fetch_assoc()) {
     ?>
```

```
<?php echo $row['b_id'] ?>
   <?php echo $row['cname'] ?>
   <?php echo $row['b_date'] ?>
   <?php echo $row['cno'] ?>
   <?php echo $row['dest_addr'] ?>
   <?php echo $row['weight'] ?>
   <?php echo $row['amt'] ?>
   <a href="view.php?b_id=<?php echo"
    $row['b_id']; ?>">Edit</a>
```

```
<?php
   }
  }
}
?>
<?php
include_once "code.php";
if (isset($_REQUEST["delete"])) {
  delete($_REQUEST["b_id"]);
 echo '<script> alert("DELETED")</script>';
}
?>
<?php
include_once "code.php";
if (isset($_REQUEST["cno"])) {
  $res = search_c_info($_REQUEST['cno']);
 if ($res->num_rows > 0) {
   while ($row = $res->fetch_assoc()) {
      ?>
      <?php echo $row['b_id'] ?>
          <?php echo $row['cname'] ?>
```

```
<?php echo $row['b_date'] ?>
       <?php echo $row['cno'] ?>
       <?php echo $row['dest_addr'] ?>
       <?php echo $row['weight'] ?>
       <?php echo $row['amt'] ?>
       <a href="view.php?b_id=<?php echo"
         $row['cno']; ?>">Edit</a>
      <?php
   }
 }
}
?>
```



QUESTION NO:3

Create web pages using PHP for banking system to help admin to manage the customer details with custid, name ,address, birthdate, contactno, addressproof(any photo licence/aadhar card)

and give functionalities like a)Add new customer b)view all customer c)delete customer d)search customer based on contactno



Connect.php

```
<?php function connection()
{
    $servername = "localhost";
    $username = "root";
    $password = "";
    $database="banking";
    $conn = new mysqli($servername, $username, $password,$database);</pre>
```

Pipaliya Shubham Roll No:28 return \$conn; } ?> Code.php <?php include_once 'connect3.php';</pre> function insert(\$cid, \$cname, \$addr, \$dob, \$cno, \$addrimg) { \$conn = connection(); \$sql = "insert into cust(cid,cname,addr,dob,cno,addrimg) values(\$cid,'\$cname','\$addr','\$dob',\$cno,'\$addrimg')"; \$conn->query(\$sql); \$conn->close(); //return \$result; } ?> <?php include_once 'connect3.php';</pre> function display() { \$conn = connection(); \$sql = "select * from cust"; \$res = \$conn->query(\$sql); \$conn->close(); return \$res; } ?>

```
<?php
include_once 'connect3.php';
function delete($cid)
{
  $conn = connection();
  $sql = "delete from cust where cid=$cid";
  $result = $conn->query($sql);
  $conn->close();
  return $result;
}
?>
<?php function search_cust($cno)</pre>
{
  $conn = connection();
  $sql = "select * from cust where cno=$cno";
  $res = $conn->query($sql);
  $conn->close();
  return $res;
}
?>
```

View.php

<html>

```
<body>
 <form action="view3.php" method="post">
   <?php
   include_once "code3.php";
   if (isset($_REQUEST["insert"])) {
     $cid = $_REQUEST["cid"];
     $cname = $_REQUEST["cname"];
     $addr = $_REQUEST["addr"];
     $dob = $_REQUEST["dob"];
     $cno = $_REQUEST["cno"];
     $addrimg = $_REQUEST["addrimg"];
     insert($cid, $cname, $addr, $dob, $cno, $addrimg);
     echo '<script> alert("INSERTED")</script>';
   }
   ?>
   CUSTOMER ID:
       <input type="text" name="cid">
     CUSTOMER NAME:
       <input type="text" name="cname">
```

```
ADDRESS:
 <input type="text" name="addr">
 BIRTH DATE:
 <input type="date" name="dob">
CONTACT NO:
 <input type="text" name="cno">
ADDRESS PROOF:
 <input type="file" name="addrimg">
<input type="submit" name="insert" value="INSERT">
  <input type="submit" name="search_cust" value="SEARCH">
 <input type="submit" name="display" value="DISPLAY">
  <input type="submit" name="delete" value="DELETE">
```

```
</form>
</body>
</html>
<?php
include_once "code3.php";
if (isset($_REQUEST["display"])) {
 $res = display();
 if ($res->num_rows > 0) {
   while ($row = $res->fetch_assoc()) {
     ?>
     <?php echo $row['cid'] ?>
        <?php echo $row['cname'] ?>
        <?php echo $row['addr'] ?>
        <?php echo $row['dob'] ?>
```

```
<?php echo $row['cno'] ?>
         <?php echo $row['addrimg'] ?>
         <a href="view3.php?cid=<?php echo"
           $row['cid']; ?>">Edit</a>
       <?php
   }
 }
}
?>
<?php
include_once "code3.php";
if (isset($_REQUEST["delete"])) {
 delete($_REQUEST["cid"]);
 echo '<script> alert("DELETED")</script>';
}
?>
<?php
include_once "code3.php";
if (isset($_REQUEST["cno"])) {
```

```
$res = search_cust($_REQUEST['cno']);
if ($res->num_rows > 0) {
 while ($row = $res->fetch_assoc()) {
   ?>
   <?php echo $row['cid'] ?>
      <?php echo $row['cname'] ?>
      <?php echo $row['addr'] ?>
      <?php echo $row['dob'] ?>
      <?php echo $row['cno'] ?>
      <?php echo $row['addrimg'] ?>
      <a href="view3.php?cid=<?php echo"
        $row['cid']; ?>">Edit</a>
```

```
        <?php</td>

        }

        }
```

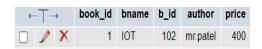
QUESTION NO:4

Create an application using PHP for Book Management system. Provide insert, update, delete and search facilities. Book table(book id, book name, booktypeid, author, price)

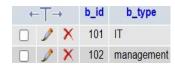
Booktype table(booktypeid, booktype[eg.: IT, Management, Commerce, Literature)

Provide searching of books for particular author.





DB BOOK_TYPE*



Connect.php

```
<?php
function connection()
{
    $servername = "localhost";
    $username = "root";
    $password = "";
    $database="book_management";</pre>
```

```
Pipaliya Shubham
                                                                                          Roll No:28
 $conn = new mysqli($servername, $username, $password,$database);
return $conn;
}
?>
Code.php
<?php include_once 'connect4.php'; function</pre>
insert($book_id,$bname,$b_id,$author,$price)
  $conn=connection();
 $sql="insert into book (book_id,bname,b_id,author,price) values
($book_id,'$bname',$b_id,'$author',$price)";
  $conn->query($sql);
  $conn->close();
}
function update($bname,$author,$price)
{
  $conn=connection();
  $sql="update book set bname='$bname',author='$author',price=$price where book_id=$book_id";
  $status=$conn->query($sql);
  $conn->close();
                   return
$status;
}
function display()
 $conn=connection();
 $sql="select * from book,book_type where book.b_id=book_type.b_id";
 $result=$conn->query($sql);
```

```
Pipaliya Shubham
                                                                                        Roll No:28
 $conn->close(); return
$result;
function delete($book_id)
{
 $conn=connection();
 $sql="delete from book where book_id=$book_id";
 $conn->query($sql);
 $conn->close();
}
function search_book($book_id)
{
  $conn=connection();
 $sql="select * from book,book_type where book.b_id=book_type.b_id and book_id=$book_id";
 $result=$conn->query($sql);
 $conn->close(); return
$result;
}
?>
View.php
<html>
  <body>
    <form action="view4.php" method="post">
      <?php
```

```
include_once "code4.php";
include once "code book.php";
     if (isset($_REQUEST["submit"]))//insert record
     {
        $book_id=$_REQUEST["book_id"];
        $bname=$_REQUEST["bname"];
        $b_id=$_REQUEST["b_id"];
        $author=$_REQUEST["author"];
        $price=$_REQUEST["price"];
        $stat=insert($book_id,$bname,$b_id,$author,$price);
     }
     if (isset($_REQUEST["update"]))//update record
     {
        $bname=$_REQUEST["bname"];
        $author=$_request["author"];
        $price=$_request["price"];
        update($bname,$author,$price);
     }
     $book_id=$bname=$author=$price=$book=$book11="";
     if (isset($_GET['book_id1']))//Code For DElete
     {
       delete($_GET['book_id1']);
     }
```

```
if (isset($_GET['book_id']))//Code for Update
{
 $result1=search_book($_GET['book_id']);
 $row=$result1->fetch_assoc();
 $bname=$row["bname"];
 $author=$row["author"];
 $price=$row["price"];
}
?>
 BOOK Id:
   <input type="text" name="book_id" value=<?php echo $book_id?> > 
  BOOK Name:
   <input type="text" name="bname" value=<?php echo $bname?> >
  author:
   <input type="text" name="author" value=<?php echo $author?> >
  price :
   <input type="text" name="price" value=<?php echo $price?>>
```

```
 book:
        <select name="b_id" >
        <?php
          $result=display_book();
          if($result->num_rows>0)
           while($row = $result->fetch_assoc())
           {
        ?>
          <option value="<?php echo $row["b_id"];?>" <?php if($row["b_id"]==$book11) echo</pre>
'selected' ?> > <?php echo $row["b_type"];?></option>
        <?php
           }
          }
        ?>
        </select>
        <input type=submit name="submit" value="INSERT"></input>
<input type=submit name="update" value="UPDATE"></input>
<input type=submit name="delete" value="DELETE"></input>
```

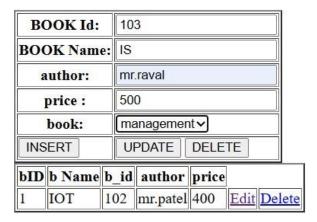
```
bID
   b Name
   b_id
   author
  price
 <?php
  $result=display();
  if($result->num_rows>0)
 {
   while($row = $result->fetch_assoc())
   {
?>
 <?php echo $row["book_id"];?>
   <?php echo $row["bname"];?>
              <?php echo $row["b_id"];?>
   <?php echo $row["author"];?>
   <?php echo $row["price"];?>
   <a href="view4.php?book_id=<?php echo $row["book_id"];?>"?>Edit</a>
   <a href="view4.php?book_id1=<?php echo $row["book_id"];?>"?>Delete</a>
 </form>
<?php
   }
 }
```

?>

</body>

</html>

BOOK MANAGEMENT SYSTEM



QUESTION NO:5

create a login application in the Flask where the following home page is shown to the user.

- 1) If we click the view_profile directly without login, then it will show some warning as we can't visit the profile directly without login.
- 2) If we visit the login page then, the application must shows the login page to the user where the user is prompted to enter the email id and password. Here, our application redirects the user to success page for valid email id and password.
- 3) On submit, the user is redirected to the success.html which displays LOGIN SUCCESSFUL.
- 4) Now, if click on the profile page, it will show the message with the session name as the session variable 'email' is set to its value. Ex: hello tom your email is abc@a.com

The application facilitates to log out the session, for this purpose, go back to the home page click on the logout button. It will destroy all the session variables set for this particular server.

App.py

```
from flask import Flask, render_template, request, redirect, url_for, session
app = Flask(__name__) app.secret_key = 'your_secret_key'
users = {
  'dhrumi@28.com': 'dhrumi28',
  'riya@28.com': 'riya28',
}
@app.route('/') def
home():
  return render_template('home.html')
@app.route('/login', methods=['GET', 'POST'])
def login():
   if request.method == 'POST':
     email = request.form['email']
     password = request.form['password']
    if email in users and users[email] == password:
      session['email'] = email
     return redirect(url_for('success'))
    else:
      return "Invalid email or password. <a href='/'>Go back</a>"
  return render_template('login.html')
@app.route('/success') def
success(): if 'email' in
session:
```

```
Pipaliya Shubham
                                                                                        Roll No:28
    email = session['email']
                              return
render template('success.html', email=email)
  else:
    return "Access denied. Please <a href='/login'>login</a>."
@app.route('/logout') def
logout():
session.pop('email', None) return
redirect(url_for('home'))
if __name__ == '__main__': app.run(debug=True)
LOGIN.html
<html>
<head>
  <title>Login Page</title>
</head>
<body>
  <h1>Login Page</h1>
  <form method="POST">
    <label>Email:</label>
    <input type="text" name="email" required><br><br>
    <label>Password:
    <input type="password" name="password" required><br><br>
    <input type="submit" value="Login">
  </form>
</body>
</html>
```

SUCCESS.html

```
<html>
<head>
<title>Login Successful</title>
</head>
<body>
<h1>Login Successful</h1>
Hello {{ email }}, your email is {{ email }}
<a href="/logout">Logout</a>
</body>
</html>
```

Login Page

QUESTION NO:6

Create an application using Flask that will accept employee information(empno, name, basic, da, hra, deptname, city, contactno)

using form and pass this information to another page that will display it in following format.

Emp	No	Name	total Salary	Deptname	City	Contact no
10		sachin	5000	sales	surat	4392019234

EMP.py

```
from flask import Flask,render_template,request
app=Flask(__name__) @app.route('/') def emp():
    return render_template('emp.html') @app.route('/data',methods=['POST','GET'])
def data():    if
request.method=='POST':
    return render_template('data.html', data=request.form) if
    __name__ == "__main__":
    app.run(debug=True)
```

EMP.html

```
<html>
<body>
<form action="http://localhost:5000/data" method="POST">

EMP NO<input type="text" name="eno" />
NAME<input type="text" name="nm" />
Ap>BASIC<input type="text" name="basic" />
Ap>DA<input type="text" name="da" />
Ap>HR<input type="text" name="hr" />
Ap>deptname<input type="text" name="dnm" />
Ap>city<input type="text" name="ct" />
Ap>CONTACT NO<input type="text" name="cno" />
Ap>Contact type="submit" value="submit" />
Ap>Composition of type="submit" />
Ap>Composition of type="submit"
```

DATA.html

EMP NO 1	
NAMEXYZ	
BASIC 200	
DA 100	
HR 300	
deptname 100	
citySurat	
CONTACT NO 287366	1
submit	

eno	1		
nm	XYZ		
basic	200 100 300 100 Surat		
da			
hr			
dnm			
ct			
cno	2873661		
Total sal	600		