1. Write a PHP Program to create a simple Registration form.

```
<html>
<head>
      <title>HTML Form</title>
</head>
<body>
      <form method= "post" action= "">
             Name <input type="text" name="name"> <br />
             Email <input type="text" name="email"> <br />
             <label>Reg No</label>
             <input type="text" name="regno"> <br />
             <label>Password</label>
             <input type="password" name="pass"> <br/>>
             <label>Mobile</label>
             <input type="text" name="mobile"> <br />
             <label>Course</label>
             <input type="radio" name="course" value="BCA"> BCA
             <input type="radio" name="course" value="BCOM"> BCOM
             <input type="radio" name="course" value="BBA"> BBA <br/>>
             <label>Gender</label>
             <input type="radio" name="gender" value="Male"> Male
             <input type="radio" name="gender" value="Female"> Female <br/> />
             <label>State</label>
             <select name="state">
                    <option>West Bengal
                    <option>Karnataka
             </select> <br />
             <label>Country</label>
             <select name="country">
                    <option>India</option>
                    <option>Turkey
             </select> <br />
             <label>Address</label>
             <textarea rows="5" cols="50" name="address"></textarea> <br/>
             <label>DOB</label>
             <input type="date" name="dob"> <br />
             <label>Language</label>
             <input type="checkbox" name="language[]" value="Bangla">Bangla
             <input type="checkbox" name="language[]" value="Tamil">Tamil
             <input type="checkbox" name="language[]" value="Kannada">Kannada <br/><br/>>
             <input type="checkbox">
             <label>Terms & Conditions</label> <br />
             <input type="Submit" name="submit">
```

```
<input type="reset">
       </form> <br />
</body>
</html>
<?php
       if(isset($ POST['submit'])){
              $n=$ POST['name'];
              echo "Name = n < br />";
              $email = $ POST['email'];
              echo "Your email address is : $email <br/> '>";
              $rno = $ POST['regno'];
              echo "Your register no is : $rno <br/>';
              $mobile = $ POST['mobile'];
              echo "Your mobile no is: $mobile <br/> '>";
              $course = $ POST['course'];
              echo "You chose course as : $course <br />";
              $state = $ POST['state'];
              echo "You chose state as : $state <br />";
              $gender = $ POST['gender'];
              echo "Your gender is : $gender <br />";
              $country = $ POST['country'];
              echo "You chose country as : $country <br />";
              $address = $ POST['address'];
              echo "Your address is : $address <br />";
              dob = POST['dob'];
              echo "Your date of birth is: $dob <br/>';
              $lang = $ POST['language'];
              foreach($lang as $1)
                      echo "Language: $l < br />";
?>
```

Name
Email
Reg No
Password
Mobile
Course O BCA O BCOM O BBA
Gender O Male O Female
State West Bengal V
Country India V
Address
DOB dd-mm-yyyy 📰
Language Bangla Tamil Kannada
☐ Terms & Conditions
Submit Reset

Name = Indian

Your email address is : iadc@ac.in

Your register no is: 21IABCA Your mobile no is: 11800000 You chose course as: BCA You chose state as: Karnataka

Your gender is: Male

You chose country as : India Your address is : Bangalore

Your date of birth is: 2023-11-01

Language : Tamil Language : Kannada 2. Write a PHP program to process the form data.

```
<html>
<body>
      <h1>Student Information </h1>
      <form method= "post" action= "">
             Name <input type="text" name="name"> <br />
             Email <input type="text" name="email"> <br />
             Reg No
                          <input type="text" name="regno"> <br />
             Password
                          <input type="password" name="pass"> <br />
             Mobile <input type="text" name="mobile"> <br />
             Course <input type="radio" name="course" value="BCA"> BCA
                           <input type="radio" name="course" value="BCOM"> BCOM
                          <input type="radio" name="course" value="BBA"> BBA <br/>>
             Gender<input type="radio" name="gender" value="Male"> Male
                    <input type="radio" name="gender" value="Female"> Female <br/> />
                          <textarea rows="5" cols="50" name="address"></textarea> <br/>
             Address
             State <select name="state">
                          <option>West Bengal
                           <option>Karnataka
                    </select> <br />
             Country
                          <select name="country">
                                 <option>India</option>
                                 <option>Turkey
                          </select> <br />
             DOB <input type="date" name="dob"> <br />
             <input type="Submit" name="submit">
             <input type="reset">
      </form> <br />
</body>
</html>
<?php
      if(isset($ POST['submit'])){
             $n=$ POST['name'];
             $email = $ POST['email'];
             n = POST['regno'];
             $mobile = $ POST['mobile'];
             $course = $ POST['course'];
             $gender = $ POST['gender'];
             $address = $ POST['address'];
             $state = $ POST['state'];
```

→ ■ Server: 127.0.0.1 » ■ Database: sample » ■ Table: process								
	Bro	owse J	Structure	SQL 4	Search 3	i Ins	sert 🚐	
▼ Table structure								
	#	Name	Туре	Collation	Attributes	Null	Default (
	1	Name	varchar(20)	utf8mb4_general_ci		No	None	
	2	Email	varchar(50)	utf8mb4_general_ci		No	None	
	3	RegNo	varchar(10)	utf8mb4_general_ci		No	None	
	4	Mobile	int(10)			No	None	
	5	Course	varchar(10)	utf8mb4_general_ci		No	None	
	6	Gender	varchar(10)	utf8mb4_general_ci		No	None	
	7	Address	varchar(50)	utf8mb4_general_ci		No	None	
	8	State	varchar(10)	utf8mb4_general_ci		No	None	
	9	Country	varchar(10)	utf8mb4_general_ci		No	None	
	10	DOB	date			No	None	

Student Information

Name
Email
Reg No
Password
Mobile
Course O BCA O BCOM O BBA
Gender O Male O Female
Address
State West Bengal ▼
Country India 🗸
DOB dd-mm-yyyy 🗂
Submit Reset

MySQL is connected Row Inserted

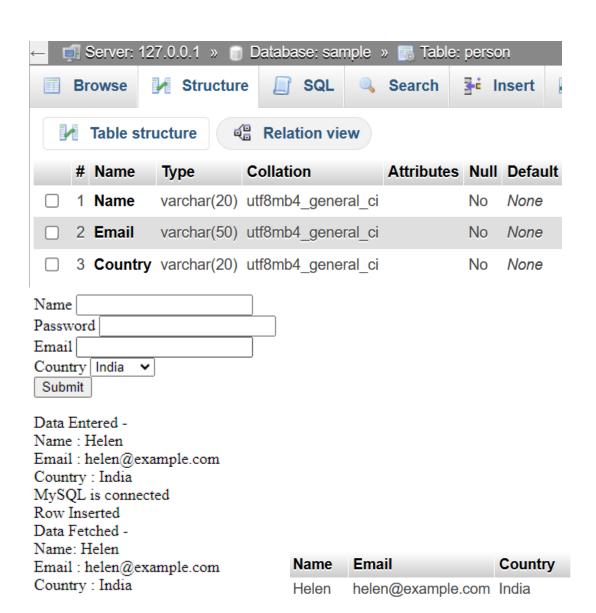
Name	Email	RegNo	Mobile	Course	Gender	Address	State	Country	DOB
Helen	helen@example.com	21IABCA015	2147483647	BCA	Female	Kalyan Nagar	Karnataka	India	2000-12-01

3. Develop a web application for registration form with the fields Name, Password, Email, Country.

```
<html>
       <body>
       <form method="post" action ="">
               Name
                              <input type='text' name='name'> <br />
              Password
                              <input type='password' name='pass'> <br />
                              <input type='text' name='email'> <br />
               Email
               Country
                              <select name = 'country'>
                                     <option>India</option>
                                     <option>Turkey</option>
                              </select><br />
               <input type='submit' name='submit'>
       </form>
       </body>
</html>
<?php
       if(isset($ POST['submit']))
               n = POST['name'];
               e = POST['email'];
               c = POST['country'];
               echo "Data Entered - <br/>br /> Name : $n<br/>br /> Email : $e<br/>br/ > Country : $c<br/>br
/>";
               $conn = new mysqli('localhost', 'root', ",'sample');
               if($conn)
                      echo "MySQL is connected<br/>";
               else
                      echo "Error!!";
               $q1 = "insert into person values('$n', '$e', '$c');";
              if($conn -> query($q1))
                      echo "Row Inserted <br />";
               else
                      echo "Insertion error! ";
               $q2 = "SELECT * FROM person WHERE Email = '$e'; ";
               \text{sesult} = \text{senn->query($q2)};
               if (\frac{\text{sresult->num rows}}{0}) {
                      while($row = $result->fetch assoc()) {
```

```
echo "Data Fetched - <br/>
"<br/>
"<br/>
"<br/>
Email : " . $row["Email"].

"<br/>
"<br/>
Country : " . $row["Country"]. "<br/>
;
}
else {
    echo "0 results";
}
}
```



4. Create a form with Name, Address Line 1, Address Line 2, and E-mail text fields. On submitting, store the values in MySQL table. Retrieve and display the data based on Name.

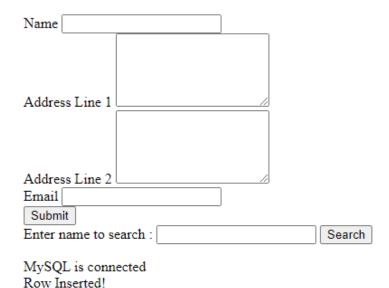
```
<html>
      <body>
      <form method="post" action ="">
             Name
                          <input type='text' name='name'> <br />
             Address Line 2 <textarea rows=5 cols=20 name="add2"> </textarea> <br>
             Email <input type='text' name='email'> <br />
             <input type='submit' name='submit'><br>
             Enter name to search :<input type='text' name='name2'>
             <input type='submit' name='search' value="Search">
      </form>
      </body>
</html>
<?php
      $conn = new mysqli('localhost', 'root', ", 'sample');
      if(isset($ POST['submit']))
             n = POST['name'];
             e = POST['email'];
             c = POST['add1'];
             d = POST['add2'];
             if($conn)
                   echo "MySQL is connected<br/>";
             else
                   echo "Error! ";
             $q1 = "insert into addr values('$n', '$e', '$c', '$d');";
             if(\$conn -> query(\$q1))
                   echo "Row Inserted! <br /> <br /> ";
             else
                   echo "Insertion error! ";
      if(isset($ POST['search']))
             n2 = POST['name2'];
             $q2 = "SELECT * FROM addr WHERE Name = '$n2';";
             \text{sresult} = \text{sconn->query($q2)};
```

```
if (\frac{\text{sresult->num rows}}{0}) {
                      while($row = $result->fetch assoc()) {
                              echo "Name: " . $row["Name"].
                                     "<br /> Email : " . $row["Email"].
                                     "<br/>
"<br/>
Address Line1: ". $row["Address1"].
"<br/>
br>Address Line2: ". $row["Address2"]."<br/>
";
               else
                      echo "Not Found";
?>
                                Database: sample »

    Server: 127.0.0.1 »

                                                         Table: addr
                                                                👫 Insert
      Browse
                  Structure
                                        SQL
                                                     Search
                              Relation view
    Table structure
      # Name
                     Type
                                  Collation
                                                      Attributes Null Default
     1 Name
                     varchar(20) utf8mb4 general ci
                                                                  No
                                                                        None
      2 Email
                     varchar(50) utf8mb4 general ci
                                                                  No
                                                                        None
      3 Address1 varchar(50) utf8mb4 general ci
                                                                  No
                                                                        None
     4 Address2 varchar(50) utf8mb4 general ci
                                                                  No None
```

Output for Submit Button



Name	Email	Address1	Address2
Helen	helen@example.com	HRBR Layout	Kalyan Nagar

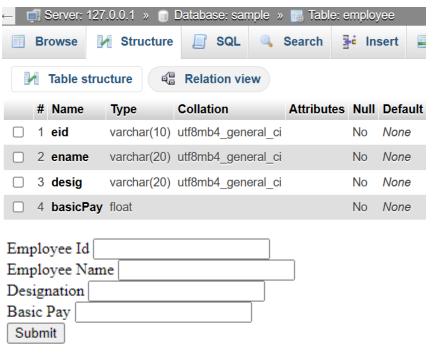
Output for Search Button

Enter name to search:	Search

Name: Helen

Email: helen@example.com Address Line1: HRBR Layout Address Line2: Kalyan Nagar 5. Develop a web application using PHP and MySQL, to record the EMPLOYEE DETAILS such as Empid, Emp name, Designation and Basic pay. Calculate the DA, HRA, Deduction and Gross Salary (make necessary assumption).

```
<html>
  <body>
    <form method="post" action ="">
       Employee Id
                          <input type="text" name="eid" /><br/>
       Employee Name
                         <input type="text" name="ename" /><br/>
       Designation
                         <input type="text" name="designation" /><br/>
                          <input type="text" name="bpay" /><br/>
       Basic Pay
       <input type="submit" name="submit" />
    </form>
  </body>
</html>
<?php
       $conn = new mysqli('localhost', 'root', ", 'sample');
       if(isset($ POST['submit']))
              id = POST['eid'];
              n = POST['ename'];
              $des = $ POST['designation'];
              bp = POST['bpay'];
       DA = bp * 0.04;
       HRA = bp * 0.10;
       DEDUCTION = p * 0.18;
       GROSSPAY = bp + DA + HRA;
              if($conn)
                     echo "MySQL is connected!<br/>";
              else
                     echo "Error! ";
              $q1 = "insert into employee values('$id', '$n', '$des', '$bp');";
              if($conn -> query($q1))
                     echo "Row Inserted! <br />";
              else
                     echo "Insertion error! ";
              echo "Employee Name: ".$n." < br > Empolyee id: ".$id." < br > Designation:
".$des."<br/>br>Basic Pay : ".$bp."<br/>br><br/>br> DA : ".$DA."<br/>br>HRA : ".$HRA."<br/>br>Deduction :
".$DEDUCTION."<br/>br>Gross Pay: ".$GROSSPAY."<br/>br>";
?>
```



MySQL is connected!

Row Inserted!

Employee Name: Helen Empolyee id: E101 Designation: HR Basic Pay: 50000

DA: 2000 HRA: 5000

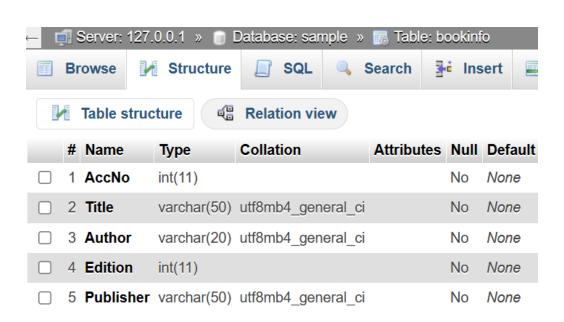
Deduction: 9000 Gross Pay: 57000

eid	ename	desig	basicPay
E101	Helen	HR	50000

6. Develop a program using PHP and MySQL, 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.

```
<html>
 <body>
 <form method="post"action="">
  Accession Number <input type="text"name="an"><br>
  Title
              <input type="text"name="ti"><br>
                     <input type="text"name="au"><br>
  Author
              <input type="text"name="ed"><br>><br/>>
  Edition
              <input type="text"name="pub"<br>
  Publisher
       <input type="submit"name="sub" value="Insert Data"><br>
       Enter book title to search<input type="text" name="s"><br/>br/>
       <input type="submit" name="ser" value="Search"><br/>>
</form>
</body>
</html>
<?php
       $conn = new mysqli('localhost','root',",'sample');
       if(!$conn)
              echo "DB connection error";
       if(isset($ POST["sub"]))
              $acc=$ POST['an'];
              $title=$ POST['ti'];
              $author=$ POST['au'];
              $edition=$ POST['ed'];
              $publisher=$ POST['pub'];
              $q1="insert into bookinfo values('$acc','$title','$author','$edition','$publisher')";
              if($conn->query($q1))
                     echo"row inserted";
              else
                     echo"error";
       }
       if(isset($ POST["ser"]))
              $s=$ POST['s'];
              $q2="select * from bookinfo where Title='$s'";
              $result=$conn->query($q2);
              if($result->num rows>0)
```

```
while($row=mysqli_fetch_assoc($result))
{
        echo "Accession Number: ".$row['AccNo']."<br>>";
        echo "Title: ".$row['Title']."<br>>br/>";
        echo "Author: ".$row['Author']."<br>>br/>";
        echo "Edition: ".$row['Edition']."<br>>br/>";
        echo "Publisher: ".$row['Publisher']."<br/>*)
}
else
echo "no records";
}
```



Output for Insert Data Button

Accession Number	
Title	
Author	
Edition	
Publisher	Insert Data
Enter book title to search	
Search	

row inserted

AccNo	Title	Author	Edition	Publisher
101	Web Programming	Sebesta	3	McGraw Hill

Output for Search Button

Enter book title to search

Search

Accession Number: 101

Title: Web Programming

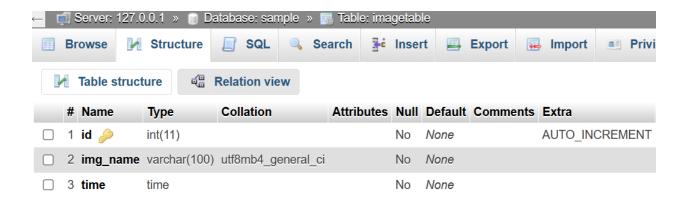
Author: Sebesta

Edition: 3

Publisher: McGraw Hill

7. Write a PHP Program to Store an image in Database.

```
<html>
  <body>
    <form method="POST" enctype="multipart/form-data" >
       <label>Select image : </label>
       <input type="file" name="image" />
       <input type="submit" name="submit" value="Upload" />
    </form>
  </body>
</html>
<?php
  if(isset($ POST["submit"])){
    $conn = new mysqli("localhost", "root", "", "sample");
    if(!\$conn) {
       echo "Connection Failed!";
    else {
       $image = $ FILES['image']['name'];
       $temp name = $ FILES['image']['tmp name'];
       $q1 = "INSERT INTO imagetable(img_name, time) VALUES('$image', NOW());";
       \frac{1}{2} \frac{1}{2}
       if($insert) {
              echo "File uploaded successfully!";
       else {
              echo "File upload failed!";
       if(move uploaded file($temp name, "uploads/$image")) {
              echo "<br/>Copied<br/>";
    $q2 = "SELECT img name FROM imagetable ORDER BY id desc;";
    \text{sresult} = \text{sconn->query($q2)};
    if(\$result-> num rows > 0) {
       while($row = $result->fetch assoc()) {
         ?>
         <div>
           <img src="uploads/<?= $row['img name'] ?>" />
         </div>
         <?php
```



Select image: Choose File No file chosen Upload

File uploaded successfully! Copied





id img_name time

1 SystemLogo.bmp 11:29:25