

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>
            <option>Karnataka</option>
        </select> <br />
        <label>Country</label>
        <select name="country">
            <option>India</option>
            <option>Turkey</option>
        </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 />

        <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 $l)
            echo "Language : $l<br />";
    }
?>

```

Name

Email

Reg No

Password

Mobile


Course ☐ BCA ☐ BCOM ☐ BBA

Gender ☐ Male ☐ Female

State

Country

Address

DOB 

Language ☐ Bangla ☐ Tamil ☐ Kannada

☐ Terms & Conditions

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 />
        Address      <textarea rows="5" cols="50" name="address"></textarea> <br />
        State  <select name="state">
                    <option>West Bengal</option>
                    <option>Karnataka</option>
                </select> <br />
        Country      <select name="country">
                    <option>India</option>
                    <option>Turkey</option>
                </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'];
        $rno = $_POST['regno'];
        $mobile = $_POST['mobile'];
        $course = $_POST['course'];
        $gender = $_POST['gender'];
        $address = $_POST['address'];
        $state = $_POST['state'];
```

```

$country = $_POST['country'];
$dob = $_POST['dob'];


$conn= new mysqli('localhost', 'root', '', 'sample');


if($conn)
    echo "MySQL is connected <br />";
else
    echo "Error!";


$sql= "insert into process values('$n', '$email', '$rno', '$mobile', '$course',
'$gender', '$address', '$state', '$country', '$dob');"
if($conn -> query($sql))
    echo "Row Inserted";
else
    echo "Insertion error";
}
?>


```


→ Server: 127.0.0.1 » Database: sample » Table: process


 Browse


 Structure


 SQL

 Search

 Insert



 Table structure

 Relation view

	#	Name	Type	Collation	Attributes	Null	Default	
<input type="checkbox"/>	1	Name	varchar(20)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	2	Email	varchar(50)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	3	RegNo	varchar(10)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	4	Mobile	int(10)			No	None	
<input type="checkbox"/>	5	Course	varchar(10)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	6	Gender	varchar(10)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	7	Address	varchar(50)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	8	State	varchar(10)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	9	Country	varchar(10)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	10	DOB	date			No	None	

Student Information

Name
Email
Reg No
Password
Mobile
Course ☐ BCA ☐ BCOM ☐ BBA
Gender ☐ Male ☐ Female

Address

State

Country

DOB

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 />
      Email     <input type='text' name='email'> <br />
      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 />Name : $n<br /> Email : $e<br /> Country : $c<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'; ";
    $result = $conn->query($q2);

    if ($result->num_rows > 0) {
      while($row = $result->fetch_assoc()) {
```

```

        echo "Data Fetched - <br />Name: " . $row["Name"].
            "<br /> Email : " . $row["Email"].
            "<br /> Country : " . $row["Country"]. "<br>";
    }
}
else {
    echo "0 results";
}
}
?>

```

← Server: 127.0.0.1 » Database: sample » Table: person

#	Name	Type	Collation	Attributes	Null	Default
<input type="checkbox"/> 1	Name	varchar(20)	utf8mb4_general_ci		No	None
<input type="checkbox"/> 2	Email	varchar(50)	utf8mb4_general_ci		No	None
<input type="checkbox"/> 3	Country	varchar(20)	utf8mb4_general_ci		No	None

Name
 Password
 Email
 Country

Data Entered -
 Name : Helen
 Email : helen@example.com
 Country : India
 MySQL is connected
 Row Inserted
 Data Fetched -
 Name: Helen
 Email : helen@example.com
 Country : India

Name	Email	Country
Helen	helen@example.com	India

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 1 <textarea rows=5 cols=20 name="add1"> </textarea> <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($q1))
        echo "Row Inserted!<br /><br /><br />";
    else
        echo "Insertion error! ";
}
if(isset($_POST['search']))
{
    $n2 = $_POST['name2'];
    $q2 = "SELECT * FROM addr WHERE Name = '$n2'";
    $result = $conn->query($q2);
```

```

        if ($result->num_rows > 0) {
            while($row = $result->fetch_assoc()) {
                echo "Name: " . $row["Name"].
                    "<br /> Email : " . $row["Email"].
                    "<br /> Address Line1 : " . $row["Address1"].
                    "<br>Address Line2 : " . $row["Address2"]."<br/>";
            }
        }
        else
            echo "Not Found";
    }
?>

```

← Server: 127.0.0.1 » Database: sample » Table: addr

Browse
 Structure
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Table structure
 Relation view

#	Name	Type	Collation	Attributes	Null	Default
<input type="checkbox"/> 1	Name	varchar(20)	utf8mb4_general_ci		No	None
<input type="checkbox"/> 2	Email	varchar(50)	utf8mb4_general_ci		No	None
<input type="checkbox"/> 3	Address1	varchar(50)	utf8mb4_general_ci		No	None
<input type="checkbox"/> 4	Address2	varchar(50)	utf8mb4_general_ci		No	None

Output for Submit Button

Name

Address Line 1

Address Line 2

Email

Enter name to search :

MySQL is connected
Row Inserted!

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

Output for Search Button

Enter name to 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/>
    Basic Pay        <input type="text" name="bpay" /><br/>
    <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 = $bp * 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 : 
    ".$des."<br>Basic Pay : ".$bp."<br><br> DA : ".$DA."<br>HRA : ".$HRA."<br>Deduction : 
    ".$DEDUCTION."<br>Gross Pay : ".$GROSSPAY."<br><br>";
}
?>
```

← Server: 127.0.0.1 » Database: sample » Table: employee

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 Table structure

 Relation view

	#	Name	Type	Collation	Attributes	Null	Default
<input type="checkbox"/>	1	eid	varchar(10)	utf8mb4_general_ci		No	None
<input type="checkbox"/>	2	ename	varchar(20)	utf8mb4_general_ci		No	None
<input type="checkbox"/>	3	desig	varchar(20)	utf8mb4_general_ci		No	None
<input type="checkbox"/>	4	basicPay	float			No	None

Employee Id
Employee Name
Designation
Basic Pay

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>
Author          <input type="text"name="au"><br>
Edition         <input type="text"name="ed"><br><br>
Publisher       <input type="text"name="pub"><br>
                <input type="submit"name="sub" value="Insert Data"><br>

                Enter book title to search<input type="text" name="s"><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: ".$row['AccNo']."<br><br>";
            echo "Title: ".$row['Title']."<br><br>";
            echo "Author: ".$row['Author']."<br><br>";
            echo "Edition: ".$row['Edition']."<br><br>";
            echo "Publisher: ".$row['Publisher']."<br><br>";
        }
    }
    else
        echo "no records";
}
?>

```

Server: 127.0.0.1 » Database: sample » Table: bookinfo

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	#	Name	Type	Collation	Attributes	Null	Default
<input type="checkbox"/>	1	AccNo	int(11)			No	None
<input type="checkbox"/>	2	Title	varchar(50)	utf8mb4_general_ci		No	None
<input type="checkbox"/>	3	Author	varchar(20)	utf8mb4_general_ci		No	None
<input type="checkbox"/>	4	Edition	int(11)			No	None
<input type="checkbox"/>	5	Publisher	varchar(50)	utf8mb4_general_ci		No	None

Output for Insert Data Button

Accession Number

Title

Author

Edition

Publisher

Enter book title to search

row inserted

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

Output for Search Button

Enter book title to 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());";
        $insert = $conn->query($q1);
        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;";
        $result = $conn->query($q2);
        if($result->num_rows > 0) {
            while($row = $result->fetch_assoc()) {
                ?>
                <div>
                    
                </div>
                <?php
            }
        }
    }
}
?>
```

← Server: 127.0.0.1 » Database: sample » Table: imagetable

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/> 1	id	int(11)			No	None		AUTO_INCREMENT
<input type="checkbox"/> 2	img_name	varchar(100)	utf8mb4_general_ci		No	None		
<input type="checkbox"/> 3	time	time			No	None		

Select image : No file chosen

File uploaded successfully!
Copied



id	img_name	time
1	SystemLogo.bmp	11:29:25