Design a form with   Emp Name   Emp Code   Emp Designation   Basic Salary.

Calculate HRA, PF, DA, Net Salary according to the designation in PHP.

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Calculate Salary</title>

</head>

<body>

<form action="<?php $_PHP_SELF ?>" method="post">

<table>

<tr>

<td><label for="emp_name">Employee Name:</label></td>

<td><input type="text" name="emp_name" id="emp_name" required /></td>

</tr>

<tr>

<td><label for="emp_code">Employee Code:</label></td>

<td><input type="text" name="emp_code" id="emp_code" required /></td>

</tr>

<tr>

<td><label for="emp_desig">Employee Designation</label></td>

<td>

<select name="emp_desig" id="emp_desig" required>

<option value="Manager">Manager</option>

<option value="Assistant">Assistant</option>

<option value="Designer">Designer</option>

<option value="Developer">Developer</option>
```

```html
<option value="Other"> Developer</option>

</select>

</td>

</tr>

<tr>

<td><label for="emp_basic_sal">Basic Salary</label></td>

<td><input type="text" name="emp_basic_sal" id="emp_basic_sal" required /></td>

</tr>

<tr>

<td colspan="2">

<input id="submit" type="submit" name="submit" value="submit" />

</td>

</tr>

</table>

</form>

</body>

</html>
```

```php
<?php
if (isset($_POST['submit'])) {

   $ename = $_POST['emp_name'];

   $ecode = $_POST['emp_code'];

   $edesig = $_POST['emp_desig'];

   $esal = $_POST['emp_basic_sal'];


   $hra = $pf = $da = $tsal = null;


   if ($edesig == "Manager") {

      $hra = 20 / 100 * (int) $esal;

      $pf = 12 / 100 * (int) $esal;

      $da = 25 / 100 * (int) $esal;
```

```php
    } elseif ($edesig == "Assistant") {

        $hra = 25 / 100 * (int) $esal;

        $pf = 12 / 100 * (int) $esal;

        $da = 30 / 100 * (int) $esal;

    } elseif ($edesig == "Designer") {

        $hra = 30 / 100 * (int) $esal;

        $pf = 12 / 100 * (int) $esal;

        $da = 35 / 100 * (int) $esal;

    } elseif ($edesig == "Developer") {

        $hra = 40 / 100 * (int) $esal;

        $pf = 12 / 100 * (int) $esal;

        $da = 40 / 100 * (int) $esal;

    } else {

        $hra = 10 / 100 * (int) $esal;

        $pf = 12 / 100 * (int) $esal;

        $da = 20 / 100 * (int) $esal;

    }


    $tsal = (int) $esal + $hra + $da - $pf;

    echo "Employe Name: $ename<br>

    Employee Code: $ecode<br>

    Employee Designation: $edesig<br>

Employe Basic Salary: $esal<br>

    Employee HRA: $hra<br>

    Employee DA: $da<br>

    Employee PF: $pf<br>

    Employee Net Salary: $tsal<br>";

}

?>
```

OUTPUT:

Employee Name: [ABC]
Employee Code: [101]
Employee Designation [Designer ▾]
Basic Salary [9000]

[submit]

Employee Name: [   ]
Employee Code: [   ]
Employee Designation [Manager ▾]
Basic Salary [   ]

[submit]
Employe Name: ABC
Employee Code: 101
Employee Designation: Designer
Employe Basic Salary: 9000
Employee HRA: 2700
Employee DA: 3150
Employee PF: 1080
Employee Net Salary: 13770

Write a PHP program using file handling to swap or exchange the contents of two files

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Swap Content of two files</title>

</head>

<body>

<form action="<?php $_PHP_SELF ?>" method="post">

<input type="submit" name="swap" id="swap">

</form>

</body>

</html>


<?php
if (isset($_POST['swap'])) {

    $file1 = fopen("file1.txt", "r+") or die("Unable to open file1");

    $file2 = fopen("file2.txt", "r+") or die("Unable to open file2");


    $demo1 = fread($file1, filesize("file1.txt"));

    $demo2 = fread($file2, filesize("file2.txt"));


fclose($file2);

fclose($file1);


    $file1 = fopen("file1.txt", "w+") or die("Unable to open file1");
```

```php
    $file2 = fopen("file2.txt", "w+") or die("Unable to open file2");


fwrite($file1, $demo2);

fwrite($file2, $demo1);


fclose($file2);

fclose($file1);
    echo "<h1> Content has been successfully Swapped </h1>";

}

?>
```

OUTPUT:

Before

File1.txt

This is the content of File1.

File2. Txt

This is the content of File2.

Submit

Content has been successfully Swapped

After

File1.txt

This is the content of File2.

File2. Txt

This is the content of File1.

Write a PHP program to get line by line from a file and reverse each word of the given file

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Reversing Word</title>

</head>

<body>

<form action="<?php $_PHP_SELF ?>" method="POST">

<input type="submit" name="reverse" value="reverse" />

</form>

</body>

</html>




<?php
if (isset($_POST['reverse'])) {

    $myfile = fopen("myfile.txt", "r+") or die("Unable to open file1");

    $reversed_string = "";

    while (!feof($myfile)) {

        $line = fgets($myfile);

        $word = "";

        for ($i = 0; $i<strlen($line); $i++) {

            if ($line[$i] == " ") {


                $reversed_string .= strrev($word);

                $reversed_string .= " ";
```

```php
            $word = "";
            continue;
        } else if ($line[$i] == ".") {
            $reversed_string .= strrev($word);
            $reversed_string .= ".";
            $word = "";
            continue;
        }
        $word .= $line[$i];
    }
}
echo $reversed_string;
rewind($myfile);
fwrite($myfile, $reversed_string);
fclose($myfile);
}
?>
```

OUTPUT:

Before

reverse

Hello my name is Kamlesh Singh Bisht.What is your problem man.

After

reverse

olleH ym eman si hselmaK hgniS tahW.thsiB si ruoy melborp .nam

Create a database Student with fields:

Std name, Roll no. (Pk), CourseBranch, Semester, Address, Email ID, Mobile no.

Write an html and php prog to submit std record into a database. Validate the form using JS.

Write an html and php prog. to display particular std info by passing roll no.

Write a php and html prog to update any info of std by passing his roll no.

INSERT.HTML

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Student Record</title>

</head>

<body>

<form action="record.php" method="post">

<table>

<tr>

<td><label for="sname">Name</label></td>

<td><input type="text" name="sname" id="sname" /></td>

</tr>

<tr>

<td><label for="gender">Gender</label></td>

<td>

        Male<input type="radio" value="M" name="gender" id="male" />

        Female<input type="radio" value="F" name="gender" id="female" />

        Other<input type="radio" value="O" name="gender" id="other" />

</td>
```

```html
</tr>

<tr>

<td><label for="rollno">Roll No.</label></td>

<td><input type="text" name="rollno" id="rollno" /></td>

</tr>

<tr>

<td><label for="course">Course</label></td>

<td><input type="text" name="course" id="course" /></td>

</tr>

<tr>

<td><label for="branch">Branch</label></td>

<td><input type="text" name="branch" id="branch" /></td>

</tr>

<tr>

<td><label for="email">Email</label></td>

<td><input type="email" name="email" id="email" /></td>

</tr>

<tr>

<td><label for="phoneno">Phone No.</label></td>

<td><input type="text" name="phoneno" id="phoneno" /></td>

</tr>

<tr>

<td><label for="address">Address</label></td>

<td>

<textarea name="address" id="address" cols="20" rows="7"></textarea>

</td>

</tr>

<tr>

<td>

<input type="submit" value="submit" name="submit" id="submit" />

</td>
```

```html
</tr>
</table>
</form>

<div>
<div>
<button><a href="update.html">Update Details</a></button>
</div>
<div>
<button><a href="search.html">Search Details</a></button>
</div>
<div>
<button><a href="Delete.html">Delete Details</a></button>
</div>
</div>
<script src="index.js"></script>
</body>
</html>
```

Insert.php

```php
<?php
if (isset($_POST['submit'])) {

    $name = $_POST['sname'];

    $gender = $_POST['gender'];

    $roll = $_POST['rollno'];

    $course = $_POST['course'];

    $branch = $_POST['branch'];

    $email = $_POST['email'];

    $phoneno = $_POST['phoneno'];

    $address = $_POST['address'];
}


$servername = "localhost";

$username = "root";

$password = "";

$dbname = "student_record";


$conn = mysqli_connect($servername, $username, $password, $dbname);


if (!$conn) {

die("Connection failed: " . mysqli_connect_error());

} else {

    echo "DataBase Connected successfully<br>";

}


$sql = "INSERT INTO `student` (`name`, `gender`, `rollno`, `course`, `branch`, `email`, `phoneno`, `address`) VALUES ('$name', '$gender', '$roll', '$course', '$branch', '$email', '$phoneno', '$address') ";


$result = mysqli_query($conn, $sql);
```

```php
if ($result) {

    echo "Entry added successfully!<br>";

} else {

die("Entries not inserted");

}


mysqli_close($conn);

?>
```

OUTPUT:

Name	ABC
Gender	Male ● Female ○ Other ○
Roll No.	10
Course	B.Tech.
Branch	CSE
Email	ABC@gmail.com
Phone No.	9945439393
Address	ABC Avon view Appartment.

submit

Update Details

Search Details

Delete Details

DataBase Connected successfully
Entry added successfully!

Search.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Document</title>

</head>

<body>

<form action="search_record.php" method="post">

<label for="rollno">Enter Roll no.</label>

<input type="text" name="rollno" id="rollno" />

<input type="submit" value="Submit" name="submit" />

</form>

<div>

<div>

<button><a href="update.html">Update Details</a></button>

</div>

<div>

<button><a href="index.html">Insert Details</a></button>

</div>

<div>

<button><a href="Delete.html">Delete Details</a></button>

</div>

</body>

</html>
```

Search.php

```php
<?php

if (isset($_POST['submit'])) {

    $roll = $_POST['rollno'];

}


$servername = "localhost";

$username = "root";

$password = "";

$dbname = "student_record";


$conn = mysqli_connect($servername, $username, $password, $dbname);


if (!$conn) {

die("database is not connect: " . mysqli_connect_error());

}



$sql = "SELECT * FROM `Student` where rollno = $roll";


$result = mysqli_query($conn, $sql);


if ($result) {

    $row = mysqli_fetch_assoc($result);

    if ($row)

        echo "Name: " . $row["name"] . "<br>Gender: " . $row["gender"] . "<br>Roll no. " .
$row["rollno"] . "<br>Course: " . $row["course"] . "<br>Branch " . $row["branch"] . "<br>Email " .
$row["email"] . "<br> Phone No." . $row["phoneno"] . "<br>Address: " . $row["address"];

    else

        echo "Roll no not found";
```

```php
} else {

    echo "Roll no not found";

}

mysqli_close($conn);


?>
```

OUTPUT:

Name: ABC
Gender: M
Roll no. 10
Course: B.Tech.
Branch CSE
Email ABC@gmail.com
Phone No.9345234532
Address: ABC Avon View Apartment.

Delete.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Delete Details</title>

</head>

<body>

<form action="delete_record.php" method="post">

<label for="rollno">Enter Roll no.</label>

<input type="text" name="rollno" id="rollno" />

<input type="submit" value="Submit" name="submit" />

</form>

<div>

<div>

<button>Update Details</button>

</div>

<div>

<button>Search Details</button>

```
</div>

<div>

<button><a href="index.html">Insert Details</a></button>

</div>

</body>

</html>
```

Delete.php

```php
<?php
if (isset($_POST['submit'])) {

    $roll = $_POST['rollno'];

}


$servername = "localhost";

$username = "root";

$password = "";

$dbname = "student_record";


$conn = mysqli_connect($servername, $username, $password, $dbname);



if (!$conn) {

die("Connection failed: " . mysqli_connect_error());

} else {

    echo "DataBase Connected successfully<br>";

}


$sql = "DELETE FROM `student` WHERE rollno = $roll";

$result = mysqli_query($conn, $sql);


if ($result) {

    echo "Entry deleted successfully";

} else {

    echo "Roll number not found";

}
mysqli_close($conn);


?>
```

OUTPUT:

Enter Roll no. [   ] [Submit]
[Update Details]
[Search Details]
[Insert Details]

DataBase Connected successfully
Entry deleted successfully

Update.HTML

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Update Record</title>

</head>

<body>

<form action="update_record.php" method="post">

<table>

<tr>

<td><label for="sname">Name</label></td>

<td><input type="text" name="sname" id="sname" /></td>

</tr>

<tr>

<td><label for="gender">Gender</label></td>

<td>

        Male<input type="radio" value="M" name="gender" id="male" />

        Female<input type="radio" value="F" name="gender" id="female" />

        Other<input type="radio" value="O" name="gender" id="other" />

</td>

</tr>

<tr>

<td><label for="rollno">Roll No.</label></td>

<td><input type="text" name="rollno" id="rollno" /></td>

</tr>

<tr>

<td><label for="course">Course</label></td>

<td><input type="text" name="course" id="course" /></td>
```

```html
</tr>

<tr>

<td><label for="branch">Branch</label></td>

<td><input type="text" name="branch" id="branch" /></td>

</tr>

<tr>

<td><label for="email">Email</label></td>

<td><input type="email" name="email" id="email" /></td>

</tr>

<tr>

<td><label for="phoneno">Phone No.</label></td>

<td><input type="text" name="phoneno" id="phoneno" /></td>

</tr>

<tr>

<td><label for="address">Address</label></td>

<td>

<textarea name="address" id="address" cols="20" rows="7"></textarea>

</td>

</tr>

<tr>

<td>

<input type="submit" value="submit" name="submit" id="submit" />

</td>

</tr>

</table>

</form>


<div>

<div>

<button><a href="index.html">Insert Details</a></button>

</div>
```

```html
<div>
<button><a href="search.html">Search Details</a></button>
</div>
<div>
<button><a href="Delete.html">Delete Details</a></button>
</div>
</div>
</body>
</html>
```

Update.php

```php
<?php
if (isset($_POST['submit'])) {

    $name = $_POST['sname'];

    $gender = $_POST['gender'];

    $roll = $_POST['rollno'];

    $course = $_POST['course'];

    $branch = $_POST['branch'];

    $email = $_POST['email'];

    $phoneno = $_POST['phoneno'];

    $address = $_POST['address'];

}


$servername = "localhost";

$username = "root";

$password = "";

$dbname = "student_record";


$conn = mysqli_connect($servername, $username, $password, $dbname);


if (!$conn) {

die("Connection failed: " . mysqli_connect_error());

} else {

    echo "DataBase Connected successfully<br>";

}


$sql_se = "SELECT * FROM `Student` where rollno = $roll";


$result_se = mysqli_query($conn, $sql_se);
```

```php
if ($result_se) {

    $row = mysqli_fetch_assoc($result_se);

    if ($row) {

        $sname = $row["name"];

        $sgender = $row["gender"];

        $scourse = $row["course"];

        $sbranch = $row["branch"];

        $semail = $row["email"];

        $sphoneno = $row["phoneno"];

        $saddress = $row["address"];

    } else

die("Roll number not found");

}


if ($name == "") {

    $name = $sname;

}
if ($gender == "") {

    $gender = $sgender;

}
if ($course == "") {

    $course = $scourse;


}
if ($branch == "") {

    $branch = $sbranch;

}
if ($email == "") {

    $email = $semail;

}
if ($phoneno == "") {
```

```php
    $phoneno = $sphoneno;
}
if ($address == "") {
    $address = $saddress;
}


try {
    $sql = "UPDATE `student` SET
`name`='$name',`gender`='$gender',`rollno`='$roll',`course`='$course',`branch`='$branch',`email`='$e
mail',`phoneno`='$phoneno',`address`='$address' WHERE rollno = $roll";
    $result = mysqli_query($conn, $sql);
} catch (mysqli_sql_exception $e) {
var_dump($e);
    exit;
}


if ($result) {
    echo "Entry Updated successfully!<br>";
} else {
die("Entries not updated");
}


mysqli_close($conn);


?>
```

OUTPUT:

Name   PQRS

Gender   Male ● Female ○ Other ○

Roll No.   10

Course   [ ]

Branch   CIVIL

Email   [ ]

Phone No. [ ]

Address   [ ]

submit

Insert Details

Search Details

Delete Details

DataBase Connected successfully
Entry Updated successfully!

Name: PQRS
Gender: M
Roll no. 10
Course: B.Tech.
Branch CIVIL
Email ABC@gmail.com
Phone No.9345234532
Address: ABC Avon View Apartment.