

9. Develop a PHP Script for sum of digits, check if palindrome and display current datetime.

```
<html>
<body>
    <?php
function sum_of_digits($my_num){
    $sum = 0;
    for ($i = 0; $i < strlen($my_num); $i++){
        $sum += $my_num[$i];
    }
    return $sum;
}
$my_num = "65";
print_r("The sum of digits is ");
echo sum_of_digits($my_num);

function Palindrome($number){
    $temp = $number;
    $new = 0;
    while (floor($temp)) {
        $d = $temp % 10;
        $new = $new * 10 + $d;
        $temp = $temp/10;
    }
    if ($new == $number){
        return 1;
    }
    else{
        return 0;
    }
}
$original = $my_num;
if (Palindrome($original)){
    echo "<br/> It is a Palindrome.";
}
else {
    echo "<br/> It is not a Palindrome.";
```

```
}  
echo "<br/>Today's date is " . date("d.m.Y") . "<br>";  
echo "Current time is " . date("h:i:sa");  
?>  
</body>  
</html>
```

The sum of digits is 11
It is not a Palindrome.
Today's date is 17.06.2022
Current time is 08:32:15am

10. Form validation using PHP.

```
<!DOCTYPE HTML>
<html>
<head>
<style>
.error {color: #FF0000;}
</style>
</head>
<body>
<?php
// define variables and set to empty values
$nameErr = $emailErr = $genderErr = "";
$name = $email = $gender = $comment = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Name is required";
    } else {
        $name = test_input($_POST["name"]);
        // check if name only contains letters and whitespace
        if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
            $nameErr = "Only letters and white space allowed";
        }
    }
}
if (empty($_POST["email"])) {
    $emailErr = "Email is required";
} else {
    $email = test_input($_POST["email"]);
    // check if e-mail address is well-formed
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $emailErr = "Invalid email format";
    }
}
if (empty($_POST["comment"])) {
    $comment = "";
} else {
    $comment = test_input($_POST["comment"]);
}
if (empty($_POST["gender"])) {
    $genderErr = "Gender is required";
} else {
    $gender = test_input($_POST["gender"]);
}
}
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
```

```

    $data = htmlspecialchars($data);
    return $data;
}
?>
<h2>PHP Form Validation Example</h2>
<p><span class="error">* required field</span></p>
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    Name: <input type="text" name="name">
    <span class="error">* <?php echo $nameErr;?></span>
    <br><br>
    E-mail: <input type="text" name="email">
    <span class="error">* <?php echo $emailErr;?></span>
    <br><br>
    Comment: <textarea name="comment" rows="5" cols="40"></textarea>
    <br><br>
    Gender:
    <input type="radio" name="gender" value="female">Female
    <input type="radio" name="gender" value="male">Male
    <input type="radio" name="gender" value="other">Other
    <span class="error">* <?php echo $genderErr;?></span>
    <br><br>
    <input type="submit" name="submit" value="Submit">
</form>
<?php
echo "<h2>Your Input:</h2>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $comment;
echo "<br>";
echo $gender;
?>
</body>
</html>

```

PHP Form Validation Example

* required field

Name: *

E-mail: *

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:

K Ishwari Raj
raj05kishwari@gmail.com
hello..there
female

PHP Form Validation Example

* required field

Name: *

E-mail: * Invalid email format

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:

kishwari
raj5
female

11. Write a PHP program to store page views count in SESSION, to increment the count on each refresh, and to show the count on web page.

```
<!DOCTYPE html>
<html>
  <body>
    <?php
      session_start();
      if(isset($_SESSION['views']))
        $_SESSION['views']=$_SESSION['views']+1;
      else
        $_SESSION['views']=1;
      echo "views = ".$_SESSION['views'];
    ?>
  </body>
</html>
```

views = 2

12. Create an HTML form and the write a PHP code for inserting the employee information in database. Information includes employee name, address, phone number, email id, salary etc.

```
<!DOCTYPE html>
<html>
<head>
    <title>Insert Data
</title>

</head>
<body>
<div class=form1>
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>"
    Name : <input type="text" name="nam" > <br><br>
    Phone_no. : <input type="text" name="pno" > <br><br>
    Email : <input type="text" name="mail" > <br><br>
    Salary : <input type="text" name="sal" > <br><br>
    ID : <input type="text" name="id" > <br><br>
    <input type="submit" value="Insert" > <br><br>
</form>
</div>
<?php require "connection.php";
$pno=$sal=0;
$Ename=$Eid=$addr=$mail="";
if($_SERVER['REQUEST_METHOD']=="POST"){
    if(!empty($_POST["nam"])){
        $Ename= test_input($_POST["nam"]);
    }
    if(!empty($_POST["id"])){
        $Eid= test_input($_POST["id"]);
    }
    if(!empty($_POST["pno"])){
        $pno=test_input($_POST["pno"]);
    }
    if(!empty($_POST["mail"])){
```

```
        $mail=test_input($_POST["mail"]);
    }
    if(!empty($_POST["sal"])){
        $sal=test_input($_POST["sal"]);
    }
    $sql = "INSERT INTO employee(ENAME, EId, PNo,Email,salary)
        VALUES ('$nam','$Eid','$pno','$mail','$sal')";

    if (mysqli_query($con, $sql)) {
        echo "New record created successfully";
    } else {
        echo "Error: " . $sql . "<br>" . mysqli_error($con);
    }
}
mysqli_close($con);

function test_input($data)
{
    $data=stripslashes($data);
    $data=trim($data);
    $data=htmlspecialchars($data);
    return $data;
}
?>
</body>
</html>
```


2014695

K Ishwari Raj

D

22

Name :

ID :

Phone No. :

Email :

Salary :

13. Create an HTML form and write a php code for fetching the employee information from the MySQL database whose salary is less than 10,000pm.

```
<?php

$user='new_user';
$pass='new_user';
$db='assignment';

$con=mysqli_connect('localhost',$user,$pass,$db) or die("Connection failed :
".mysqli_connect_error());
echo "Connected successfully";
$sql="SELECT * from employees where salary<10000;";
$result=mysqli_query($con,$sql);
if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        echo "Employee Details : ";
        echo $row['empname']."<br>";
        echo $row['pno']."<br>";
        echo $row['mail']."<br>";
        echo $row['sal']."<br>";
        echo $row['id']."<br>".<br>";
    }
}
else echo "No Record Found";
mysqli_close($con);
?>
```

Employee Details :

K Ishwari Raj

1234567890

k@gmail.com

5000

03

Employee Details :

Sia Seth

9876543210

sia@gmail.com

8000

04

14. With the help of PHP code insert some text in text file. After inserting the text read the text from the same text file and shows it on web page.

viewform.html

```
<!DOCTYPE html>
<html>
<head>
  <title>
    Viewing Table
  </title>
</head>
<body>
  <h2 align="center">Enter Employee ID to view</h2>
  <form action="view.php" method="POST">
    <label for="id">Employee ID</label>
    <input type="text" name="id"><br>
    <button type="submit" name="submit" >SUBMIT</button>
  </form>
</body>
</html>
```

view.php

```
<?php
$eid=$_POST['id'];
$mysqli=mysqli_connect('localhost','root','','assignment');
if(mysqli_query_errno()){
  echo "Database could not be connected";
}
else{
  $query="SELECT * FROM employees WHERE id=".$eid."";
  $res=mysqli_query($mysqli,$query);
```

```
if($rows=mysqli_num_rows($res)>0){  
    while($result=mysqli_fetch_array($res)){  
        echo "Employee's Name : ".$result['empname']."<br>";  
        echo "Employee's Phone No. : ".$result['pno']."<br>";  
        echo "Employee's Mail : ".$result['mail']."<br>";  
        echo "Employee's Salary : ".$result['sal']."<br>";  
        echo "Employee's ID : ".$result['id']."<br>".<br>";  
    }  
}  
else echo "No rows selected";  
}  
?>
```

Employee Name:

Employee Id:

Employee Location:

Employee Department:

PROVIDED EMPLOYEE DETAILS ARE

Employee Name:VINAY

Employee Id:123

Employee Location:CHENNAI

Employee Department:LOGISTICS