

Date: 19/04/2023

Roll No. and Name: 20BCE204 Dhyan Patel

Course Code and Name: 2CSDE69 LAMP Technology

Practical No. 6A

Aim: Create a vehicle service request form. Validate the form using PHP validators and display error messages.

Methodology followed:

```
<html>
  <head><center><h2>Vehicle Registration Form</h2>
  <style>
    .error {color: #FF0000;}
  </style>
</head>
<body>
  <?php
    $nameErr = $emailErr = $pnoErr = $stateErr = $typeErr= $modelErr=$rnoErr=$dateErr=$commentErr="";
    $name = $email = $pno = $state = $type = $model = $rno = $date = $comment = "" ;
    $flag=0;
    function test_input($data) {
      $data = trim($data);
      $data = stripslashes($data);
      $data = htmlspecialchars($data);
      return $data;
    }
    if (isset($_POST['submit'])) {
      if (empty($_POST["name"])) {
        $nameErr = "Name is required";
      }
      else {
        $name = test_input($_POST["name"]);
        if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
          $nameErr = "Only letters and white space allowed";
          $name=NULL;
        }
      }

      if (empty($_POST["email"])) {
        $emailErr = "Email is required";
      }
      else {
        $email = test_input($_POST["email"]);
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
          $emailErr = "Invalid email format";
          $email=NULL;
        }
      }
    }
  }
```

```

if (empty($_POST["pno"])) {
    $pnoErr = "Phone number is required";
}
else {
    $pno = test_input($_POST["pno"]);
    if (!preg_match("/^[6-9][0-9]{9}$/", $pno)) {
        $pnoErr = "Only 10 Digit Number allowed";
        $pno=NULL;
    }
}

if (empty($_POST["type"])) {
    $typeErr = "Vehicle Type is Required is required";
}
else {
    $type = test_input($_POST["type"]);
}

if (empty($_POST["comment"])) {
    $comment = "";
}
else {
    $comment = test_input($_POST["comment"]);
}

if(empty($_POST["state"]) || $_POST["state"]=="Select One") {
    $stateErr = "state is required";
}
else {
    $state = test_input($_POST["state"]);
}

if (empty($_POST["model"])) {
    $modelErr = "Model is required";
}
else {
    $model = test_input($_POST["model"]);
    if (!preg_match("/^[A-Za-z0-9]*$/", $model)) {
        $modelErr = "Invalid Model Name";
        $model=NULL;
    }
}

if (empty($_POST["rno"])) {
    $rnoErr = "Registration Number is required";
}
else{
    $rno = test_input($_POST["rno"]);
    if (!preg_match("/^[A-Z]{2}[0-9]{2}[A-Z]{2}[0-9]{4}$/", $rno)) {

```

```

        $rnoErr = "Invalid Registration Plate";
        $rno=NULL;
    }
}
if(empty($_POST["date"])) {
    $dateErr = "Date is required";
}
else{
    $date = test_input($_POST["date"]);
}
}

```

```
?>
```

```

<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    Name:<input type="text" name="name" value="<?php echo $name?>">
    <span class="error">* <?php echo $nameErr;?></span>
    <br><br>
    Email:<input type="text" name="email" value="<?php echo $email?>">
    <span class="error">* <?php echo $emailErr;?></span>
    <br><br>
    Phone Number:<input type="number" name="pno" maxlength="10" value="<?php echo $pno?>">
    <span class="error">* <?php echo $pnoErr;?></span>
    <br><br><br>
    State:<select name="state">
        <option value="Select One" <?=$state=="Select One"? "selected":"";?>>Select One</option>
        <option value="Gujarat" <?=$state=="Gujarat"? "selected":"";?>>Gujarat</option>
        <option value="Rajasthan" <?=$state=="Rajasthan"? "selected":"";?>>Rajasthan</option>
        <option value="Maharashtra" <?=$state=="Maharashtra"? "selected":"";?>>Maharashtra</option>
        <option value="Delhi" <?=$state=="Delhi"? "selected":"";?>>Delhi</option>
    </select>
    <span class="error">* <?php echo $stateErr;?></span>
    <br><br>
    Vehicle Type:
    <input type="radio" name="type" value="Car"<?php if(isset($type)&& $type=="Car") echo
"checked";?>> Car
    <input type="radio" name="type" value="Bike"<?php if(isset($type)&& $type=="Bike") echo
"checked";?>>Bike
    <input type="radio" name="type" value="Tempo"<?php if(isset($type)&& $type=="Tempo") echo
"checked";?>>Tempo/Truck
    <span class="error">* <?php echo $typeErr;?></span>
    <br><br>
    Vehicle Model<input type="text" name="model" value="<?php echo $model?>">
    <span class="error">* <?php echo $modelErr;?></span>
    <br><br>
    Vehicle Registration Number:<input type="text" name="rno" maxlength="10" value="<?php echo
$rno?>">
    <span class="error">* <?php echo $rnoErr;?></span>
    <br><br>
    Date of servicing<input type="date" name="date" value="<?php echo $date?>">

```

```

<span class="error">* <?php echo $dateErr;?></span>
<br><br>
Type of Service:<br>
<input type="checkbox" name="service[]" value="Diagnostic test"
<?php if(isset($_POST['service'])) {
    foreach($_POST['service'] as $tmp)
    { if($tmp == "Diagnostic test")
        { echo "checked=\"checked\""; break; }
    }
}
?>
/>Diagnostic test<br/>
<input type="checkbox" name="service[]" value="Engine Servicing"
<?php if(isset($_POST['service'])) {
    foreach($_POST['service'] as $tmp)
    { if($tmp == "Engine Servicing")
        { echo "checked=\"checked\""; break; }
    }
}
?>/>Engine Servicing<br/>
<input type="checkbox" name="service[]" value="Oil and Air Filtering"
<?php if(isset($_POST['service'])) {
    foreach($_POST['service'] as $tmp)
    { if($tmp == "Oil and Air Filtering")
        { echo "checked=\"checked\""; break; }
    }
}
?>/>Oil and Air Filtering<br/>
<input type="checkbox" name="service[]" value="Tires Replacement"
<?php if(isset($_POST['service'])) {
    foreach($_POST['service'] as $tmp)
    { if($tmp == "Tires Replacement")
        { echo "checked=\"checked\""; break; }
    }
}
?>
/>Tires Replacement<br/>
<br><br>
Special Request:<textarea name="comment" rows="5" cols="40"><?php echo $comment; ?></textarea>
<br><br>
<input type="submit" name="submit" value="Submit">

</form>
<?php
    if(isset($_POST['submit'])) {
        echo "<table border=1>";
        echo "<tr><th>Fields</th>";
        echo "<th>Input</th></tr>";
        echo "<tr><td>Name</td><td>".$name."</td>";
        echo "<tr><td>Email</td><td>".$email."</td>";
    }
}

```

```

        echo "<tr><td>Phone Number</td><td>".$pno."</td>";
        echo "<tr><td>State</td><td>".$state."</td>";
        echo "<tr><td>Vehicle Type</td><td>".$type."</td>";
        echo "<tr><td>Vehicle Model</td><td>".$model."</td>";
        echo "<tr><td>Date</td><td>".$date."</td>";
        echo "<tr><td>Registration Number</td><td>".$rno."</td>";
    }
?>
</center>
</body>
</html>

```

Output:

Vehicle Registration Form

Name: *

Email: *

Phone Number: *

State: *

Vehicle Type: ☒ Car ☐ Bike ☐ Tempo/Truck *

Vehicle Model *

Vehicle Registration Number: *

Date of servicing *

Type of Service:

☒ Diagnostic test

☐ Engine Servicing

☒ Oil and Air Filtering

☐ Tires Replacement

Special Request:

Fields	Input
Name	Dhyan
Email	20bce204@nirmauni.ac.in
Phone Number	9316193022
State	Gujarat
Vehicle Type	Car
Vehicle Model	Scross
Date	2023-04-25
Registration Number	GJ01WE4807

Vehicle Registration Form

Name: 125 *

Email: adssd *

Phone Number: 93161930224254 *

State: Gujarat *

Vehicle Type: ☒ Car ☐ Bike ☐ Tempo/Truck *

Vehicle Model: @%%% *

Vehicle Registration Number: yyyyyyyyyyy *

Date of servicing: 25 / 04 / 2023 *

Type of Service:
☒ Diagnostic test
☐ Engine Servicing
☒ Oil and Air Filtering
☐ Tires Replacement

Special Request:

Submit

Fields	Input
Name	Dhyan
Email	20bce204@nirmauni.ac.in
Phone Number	9316193022
State	Gujarat
Vehicle Type	Car
Vehicle Model	Scross
Date	2023-04-25
Registration Number	GJ01WE4807

Vehicle Registration Form

Name: * Only letters and white space allowed

Email: * Invalid email format

Phone Number: * Only 10 Digit Number allowed

State: Gujarat *

Vehicle Type: ☒ Car ☐ Bike ☐ Tempo/Truck *

Vehicle Model: * Invalid Model Name

Vehicle Registration Number: * Invalid Registration Plate

Date of servicing: 25 / 04 / 2023 *

Type of Service:
☒ Diagnostic test
☐ Engine Servicing
☒ Oil and Air Filtering
☐ Tires Replacement

Special Request:

Submit

Fields	Input
Name	
Email	
Phone Number	
State	Gujarat
Vehicle Type	Car
Vehicle Model	
Date	2023-04-25
Registration Number	

Practical No. 6B

Aim: Create a form for student semester grade report. Validate the form using PHP validators and display error messages.

Methodology followed:

```
<!DOCTYPE HTML>
<html>
  <head>
    <style>
      .error {color: #FF0000;}
    </style>
  </head>
  <body>

    <?php
      // define variables and set to empty values
      $nameErr = $emailErr = $rollnoErr = $depErr = $semErr= $thocErr= $ccErr= $gtErr= $lampErr= $fmErr=
$catErr= "";
      $name = $email = $rollno = $dep = $sem = $thoc = $cc = $gt = $fm = $cat = $lamp = "" ;
      $marks=array_fill(0,6," ");
      $markErr=array_fill(0,6," ");
      $flag=0;

      if ($_SERVER["REQUEST_METHOD"] == "POST") {
        echo "<center>";
        $localhost="localhost";
        $username="root";
        $pass='';
        $database='Prac6';
        $con=mysqli_connect("localhost","root","","Prac6");

        if(!$con){
          echo"Connection Error : ".mysqli_connect_error()."<br>";
        }
        else{
          echo"Connected to Db";
        }
        function test_input($data) {
          $data = trim($data);
          $data = stripslashes($data);
          $data = htmlspecialchars($data);
          return $data;
        }

        if (empty($_POST["name"])) {
          $flag=1;
          $nameErr = "Name is required";
        } else {
          $name = test_input($_POST["name"]);
```

```

        if(!preg_match("/[a-zA-Z ]+$/",$name)){
            $nameErr="Only characters and white spaces are allowed";
        }
    }

    if (empty($_POST["email"])) {
        $flag=1;
        $emailErr = "Email is required";
    }
    else {
        $email = test_input($_POST["email"]);
        if(!filter_var($email,FILTER_VALIDATE_EMAIL)){
            $emailErr="Improper email formate";
        }
    }

    if (empty($_POST["rollno"])) {
        $flag=1;
        $rollnoErr = "Roll No is required";
    } else {
        $rollno = test_input($_POST["rollno"]);
        if(!preg_match("/[20][A-Za-z]{3}[0-9]{3}/",$rollno)){
            $rollnoErr="Improper Roll No formate.";
        }
    }

    if (empty($_POST["dep"]) || $_POST["dep"]=="Select One") {
        $flag=1;
        $depErr = "Department is required";
    } else {
        $dep = test_input($_POST["dep"]);
    }

    if (empty($_POST["sem"]) || $_POST["sem"]=="Select One") {
        $flag=1;
        $semErr = "Semester is required";
    } else {
        $sem = test_input($_POST["sem"]);
    }

    $sum=0;

    if(!empty($_POST['marks'])){
        $marks=$_POST['marks'];
        for($i=0;$i<6;$i++){
            if($marks[$i]==" "){
                //$flag=1;
            }
        }
    }

```



```

$markErr[$i]="Marks required.";
}
if((int)$marks[$i]<0 || (int)$marks[$i]>100){
$marks[$i]=" ";
$markErr[$i]="Invalid Marks";
}

else{
$marks[$i]=(int)$marks[$i];
$sum+=$marks[$i]*3;
}
}
else{
$flag=1;
}

$spi=(int)$sum/(int)18;
$spi=(int)$spi;
if($spi==0){
$flag=1;
}

if(isset($_POST['submit']) && !empty($markErr) && !empty($semErr) && !empty($depErr) &&
!empty($rollnoErr) && !empty($rollnoErr) && !empty($emailErr) && !empty($nameErr)){
echo "$spi";

$sql="INSERT INTO `Student` (`Name`, `Rollno`, `Email`, `Department`, `Semester`, `THOC`, `CC`,
`LAMP`, `IRS`, `FM`, `RS`, `spi`) VALUES ('$name', '$rollno', '$email', '$dep', '$sem', '$marks[0]',
'$marks[1]', '$marks[4]', '$marks[5]', '$marks[3]', '$marks[2]', '$spi')";

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

?>
<center>
<h2>Student Semester Grade Report</h2>
<p><span class="error">Note:* required field.</span></p>
<form align="center" method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    Name: <input type="text" name="name"
    value="<?php echo $name; ?>">
    <span class="error">* <?php echo $nameErr;?></span>

```

```

<br><br>
Roll no: <input type="text" name="rollno"
value="<?php echo $rollno; ?>">
<span class="error">* <?php echo $rollnoErr;?></span>
<br><br>
E-mail: <input type="text" name="email" value="<?php echo $email; ?>">
<span class="error">* <?php echo $emailErr;?></span>
<br><br>
Department :
<select name="dep">
    <option value="Select One" <?= $dep == "Select One"? "selected":"";?>>Select One</option>
    <option value="Computer Science" <?= $dep == "Computer Science"? "selected":"";?>>Computer
Science</option>
    <option value="Electrical" <?= $dep == "Electrical"? "selected":"";?>>Electrical</option>
    <option value="Mechanical " <?= $dep == "Mechanical"? "selected":"";?>>Mechanical</option>
    <option value="Civil" <?= $dep == "Civil"? "selected":"";?>>Civil</option>
    <option value="Chemical" <?= $dep == "Chemical"? "selected":"";?>>Chemical</option>
    <option value="Electronics and Instrumentation" <?= $dep == "Electronics and Instrumentation"?
"selected":"";?>>Electronics and Instrumentation</option>

</select>
<span class="error">* <?php echo $depErr;?></span>
<br><br>
Semester :
<select name="sem">
    <option value="Select One" <?= $sem == "Select One"? "selected":"";?>>Select One</option>
    <option value="1" <?= $sem == "1"? "selected":"";?>>1</option>
    <option value="2" <?= $sem == "2"? "selected":"";?>>2</option>
    <option value="3" <?= $sem == "3"? "selected":"";?>>3</option>
    <option value="4" <?= $sem == "4"? "selected":"";?>>4</option>
    <option value="5" <?= $sem == "5"? "selected":"";?>>5</option>
    <option value="6" <?= $sem == "6"? "selected":"";?>>6</option>
    <option value="7" <?= $sem == "7"? "selected":"";?>>7</option>
    <option value="8" <?= $sem == "8"? "selected":"";?>>8</option>

</select>
<span class="error">* <?php echo $semErr;?></span>
<br><br>

Enter marks of the follwing subjects:<br><br>

Theory of Computation :
<input type="text" name="marks[]" value="
<?php
    echo $marks[0];
?>">

<span class="error">* <?php echo $markErr[0];?></span>
<br><br>

```

Cloud Computing :

```
<input type="text" name="marks[]" value="
<?php
    echo $marks[1];
    ?>">
<span class="error">* <?php echo $markErr[1];?></span>
<br><br>
```

Remote Sensing And GIS :

```
<input type="text" name="marks[]" value="
<?php
    echo $marks[2];
    ?>">
<span class="error">* <?php echo $markErr[2];?></span>
<br><br>
```

Financial Management :

```
<input type="text" name="marks[]" value="
<?php
    echo $marks[3];
    ?>">
<span class="error">* <?php echo $markErr[3];?></span>
<br><br>
```

Lamp :

```
<input type="text" name="marks[]" value="
<?php
    echo $marks[4];
    ?>">
<span class="error">* <?php echo $markErr[4];?></span>
<br><br>
```

IRS :

```
<input type="text" name="marks[]" value="
<?php
    echo $marks[5];
    ?>">
<span class="error">* <?php echo $markErr[5];?></span>
<br><br>
```

```
<input type="submit" name="submit" value="Submit">
<br><br>
```

```
</form>
```

```
<button align="center"><a href="display.php">Database</button>
```

```
</center>
```

```
</body>
</html>
```

display.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>Database</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>

  <div class="container">
    <div class="row justify-content-center">
      <div class="col-md-12">

        <div class="card mt-5">
          <div class="card-header">
            <h4>Entries in the Database</h4>
          </div>
          <div class="card-body">

            <table class="table table-bordered">
              <thead>
                <tr>
                  <th>Sr.No</th>
                  <th>Name</th>
                  <th>Rollno</th>
                  <th>Email</th>
                  <th>Department</th>
                  <th>Semester</th>
                  <th>THOC</th>
                  <th>CC</th>
                  <th>LAMP</th>
                  <th>IRS</th>
                  <th>FM</th>
                  <th>RS</th>
                  <th>SPI</th>
                </tr>
              </thead>
              <tbody>
                <?php
```

```

$con = mysqli_connect("localhost","root","","Prac6");

$query = "SELECT * FROM Student";
$query_run = mysqli_query($con, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $row)
    {
        ?>
        <tr>
            <td><?= $row['Sr.No']; ?></td>
            <td><?= $row['Name']; ?></td>
            <td><?= $row['RollNo']; ?></td>
            <td><?= $row['Email']; ?></td>
            <td><?= $row['Department']; ?></td>
            <td><?= $row['Semester']; ?></td>
            <td><?= $row['THOC']; ?></td>
            <td><?= $row['CC']; ?></td>
            <td><?= $row['LAMP']; ?></td>
            <td><?= $row['IRS']; ?></td>
            <td><?= $row['FM']; ?></td>
            <td><?= $row['RS']; ?></td>
            <td><?= $row['spi']; ?></td>

        </tr>
        <?php
    }
}
else
{
    ?>
    <tr>
        <td colspan="4">No Record Found</td>
    </tr>
    <?php
}
?>

</tbody>
</table>

</div>
<div>
<button><a href="Prac6B.php">Back to Form</button>
</div>

</div>
</div>

```

```

</div>
</div>

<script src="https://code.jquery.com/jquery-3.5.1.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

Output:

The screenshot shows the phpMyAdmin interface for a database named 'prac6'. The 'student' table is selected. A successful UPDATE query is shown, which updated the 'Sr.No' of a student with 'RollNo' 16BPH004 to 6. The query was: `UPDATE `student` SET `Sr.No` = '6' WHERE `student`.`Sr.No` = 30 AND `student`.`RollNo` = '16BPH004';`

Below the query, a table of 6 rows is displayed, showing the current state of the 'student' table. The table has columns: Sr.No, Name, RollNo, Email, Department, Semester, THOC, CC, LAMP, IRS, FM, RS, and spi.

Sr.No	Name	RollNo	Email	Department	Semester	THOC	CC	LAMP	IRS	FM	RS	spi
1	Dhyan Rajeshkumar Patel	20BCE204	pdhyan52@gmail.com	Computer Science	6	90	89	92	84	98	95	91
2	Bhavya Nirma	20BCE198	20bce198@nirmauni.ac.in	Computer Science	6	45	67	54	76	98	35	62
3	Nupur	20BCE180	20bce180@nirmauni.ac.in	Computer Science	6	90	93	98	85	96	95	92
4	Neel Patel	20BCE211	20bce211@nirmauni.ac.in	Computer Science	6	56	67	87	65	67	86	71
5	Bhavya Nirma	20BCE198	20bce198@nirmauni.ac.in	Computer Science	6	98	97	85	96	90	95	93
6	Alisha	16BPH004	20bce204@nirmauni.ac.in	Computer Science	3	67	90	76	56	98	56	73

The interface also shows options for 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'. At the bottom, there are options for 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view) and a 'Bookmark this SQL query' button.



Entries in the Database

Sr.No	Name	Rollno	Email	Department	Semester	THOC	CC	LAMP	IRS	FM	RS	SPI
1	Dhyan Rajeshkumar Patel	20BCE204	pdhyan92@gmail.com	Computer Science	6	90	89	92	84	98	95	91
2	Bhavya Nirma	20BCE198	20bce198@nirmauni.ac.in	Computer Science	6	45	67	54	76	98	35	62
3	Nupur	20BCE180	20BCE180@nirmauni.ac.in	Computer Science	6	90	93	98	85	96	95	92
4	Neel Patel	20BCE211	20BCE211@nirmauni.ac.in	Computer Science	6	56	67	87	65	67	86	71
27	Bhavya Nirma	20BCE198	2020BCE198@nirmauni.ac.in	Computer Science	6	98	97	85	96	90	95	93
30	Alisha	16BPH004	20bce204@nirmauni.ac.in	Computer Science	3	67	90	76	56	98	56	73

[Back to Form](#)

Practice Problem: Email validation Using Regex:

```
<html>
  <head>
    <title>Email Validation</title>
  </head>
```

```
<body>
<?php
// define variables and set to empty values
$email1Err = "";
$email1 = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {

    }

}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>

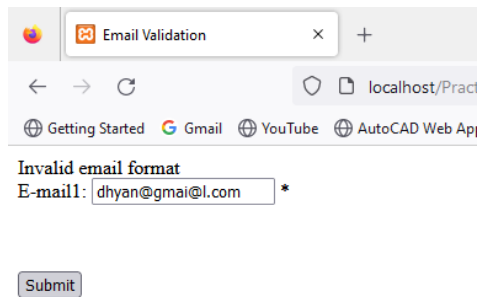
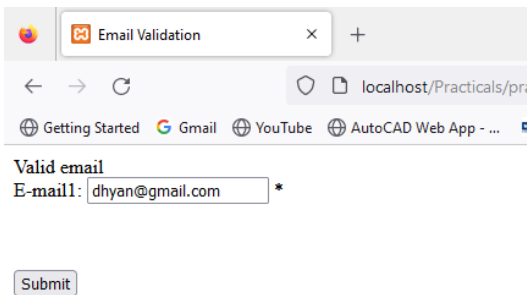
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    E-mail1: <input type="text" name="email1" value="<?php echo $email1; ?>">
    <span class="error">* <?php echo $email1Err;?></span>
    <br><br>

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

</body>
</html>
```


1. @ symbol should not appear more than once

```
if ($_SERVER["REQUEST_METHOD"] == "POST") {  
  
    if (empty($_POST["email1"])) {  
        $email1Err = "Email is required";  
    }  
    else {  
        $email1 = test_input($_POST["email1"]);  
  
        if (!filter_var($email1, FILTER_VALIDATE_EMAIL)) {  
            echo "Invalid email format";  
        }  
        else if (substr_count($email1, '@') > 1) {  
            echo "Invalid email format: '@' symbol appears more than once";  
        }  
        else {  
            echo "Valid email";  
        }  
    }  
  
}
```



“.” Can appear at most once before @ and at most twice or at least once after @

```
if (empty($_POST["email1"])) {  
    $email1Err = "Email is required";  
}  
else {  
    $email1 = test_input($_POST["email1"]);  
  
    if (preg_match("/^[^\\.]+(\\.\\.[^\\.]*)?@([\\w\\.\\s]+\\.\\.[a-z]{2,})$/i",$email1)) {  
        echo "Valid email";  
    } else {  
        echo "Invalid email format";  
    }  
}
```

```
}
}
```

Invalid email format

E-mail1: *

Sub-string before @ should not begin with a digit or _ or “.” or any other special characters.

```
if (empty($_POST["email1"])) {
    $email1Err = "Email is required";
}
else {
    $email1 = test_input($_POST["email1"]);

    if (preg_match("/^[^0-9_\.#@$%^&*()!][^@]*@([^\.\s]+\.)+[a-z]{2,}$/i",$email1)) {
        echo "Valid email";
    } else {
        echo "Invalid email format";
    }
}
}
```

Invalid email format

E-mail1: *

Conclusion : In this Practical we learned about form validation and regular expressions and inserting data in MySQL database from the php form.