

PDO ASSIGNMENTS

Ques 1:- Create a form to insert First name, Last name, email id and contact no. Email id must be unique across the table. Validation must on DB and code level.

Soln:-

form.html code

```
<!DOCTYPE html>
<html>
  <head>
    <title> form 1</title>

  </head>
  <body>
    <center>
      <form name ="f1" method="POST" action="f1.php" >

        <table>
          <tr>
            <td>First Name </td> <td><input type="text" name ="fn"
placeholder="first name "</td>

          </tr>
          <tr>
            <td>Last Name </td> <td><input type="text" name ="ln"
placeholder="Last Name "</td>

          </tr>
          <tr>
            <td>E-mail id: </td> <td><input type="email" name ="em"
placeholder="emialid "</td>

          </tr>
          <tr>
            <td>contact Number </td> <td><input type="text" name ="cont"
placeholder="contact "</td>

          </tr>
          <tr>
            <td> </td> <td><button type="submit">Submitt</button></td>

          </tr>

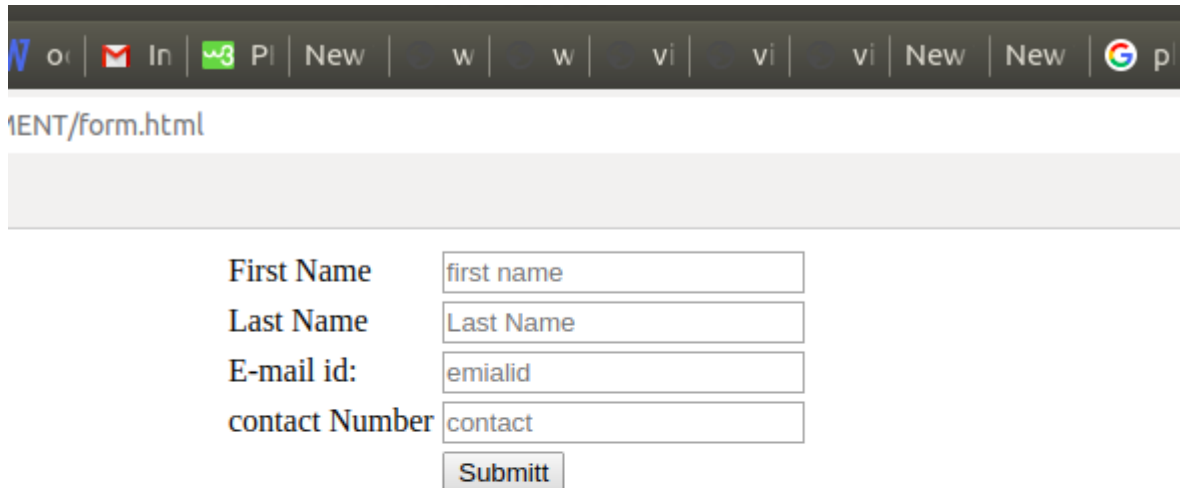
        </table>

      </form>

    </center>
```

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

OUTPUT



1ENT/form.html

First Name	<input type="text" value="first name"/>
Last Name	<input type="text" value="Last Name"/>
E-mail id:	<input type="text" value="emialid"/>
contact Number	<input type="text" value="contact"/>

php code :-

```
<?php

$name=$_REQUEST["fn"];
$last=$_REQUEST["ln"];
$email=$_REQUEST["em"];
$contact=$_REQUEST["cont"];
$flag=1;
//echo"$name";

try
{
    $conn =new PDO('mysql:host=127.0.0.1;dbname=form','debian-sys-
maint','0MONCnvlN7dlERYI');
    //var_dump($conn);die;
    if($name ==null)
    {
        echo"error in name";
        $flag=0;
    }
    elseif($last==null)
    {
        echo"error in last name ";
        $flag=0;
    }
    elseif($email==null)
```

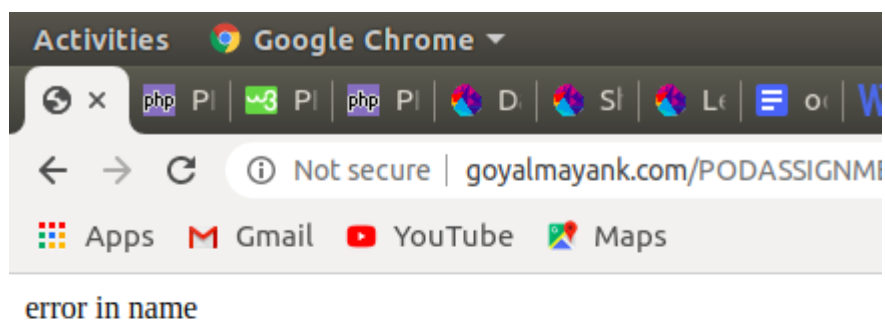
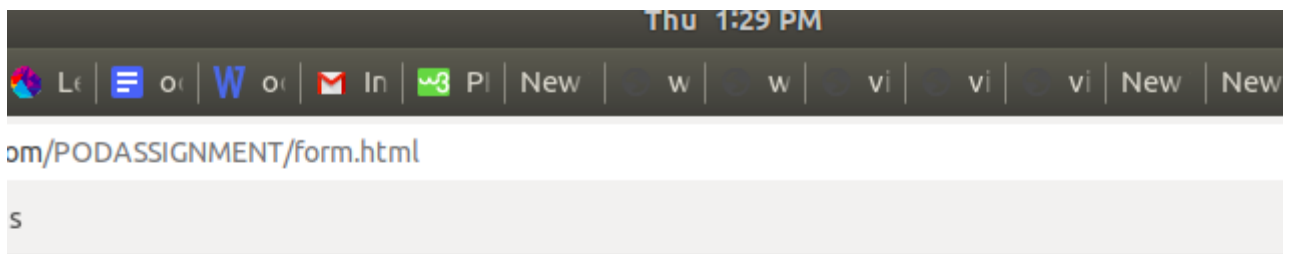
```

    {
        echo "error in email";
        $flag=0;
    }
elseif($contact==null)
    {
        echo "error in Contact"; $flag=0;
    }
elseif(!preg_match('/^[A-Za-z]*$/', $name))
    {
        echo "error in first name "; $flag=0;
    }
elseif(!preg_match('/^[A-Za-z]*$/', $last))
    {
        echo "error in Last Name"; $flag=0;
    }
elseif(!preg_match("/^[a-zA-Z0-9._-]+@[a-zA-Z0-9-]+\.[a-zA-Z.]{2,5}$/", $email))
    {
        $flag=0;
        echo "email invalid";
    }

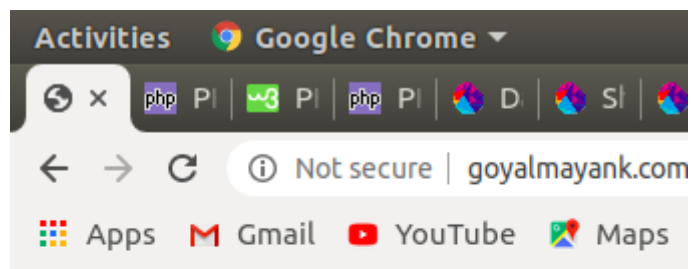
    if($flag==1)
    {
        $data = $conn->exec("insert into forms (fname ,lname ,email,contact) values
('$name','$last','$email','$contact')");
        var_dump($data);
        if ($data === TRUE) {
            echo "New record created successfully";
        }
        else {
            echo "Error: " . $data . "<br>" . $conn->error;
        }
        $conn=null;
    }
}
catch(PDOException $ex){
    die('Error:'. $ex);
}

?>

```

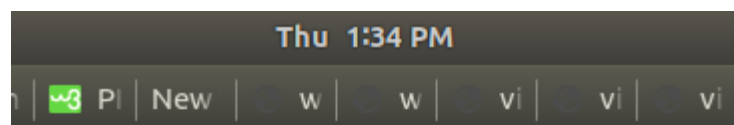


First Name	<input type="text" value="jkdjwd"/>
Last Name	<input type="text" value="Last Name"/>
E-mail id:	<input type="text" value="dorilal5656@gmail.com"/>
contact Number	<input type="text" value="contact"/>
	<input type="button" value="Submitt"/>

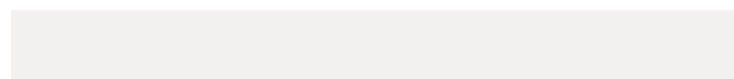


jkdjwderror in last name

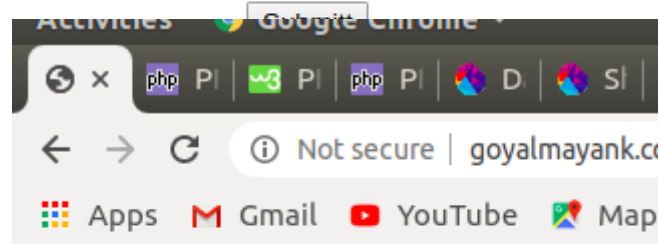
correct ouptut



tml



First Name	<input type="text" value="shivam"/>
Last Name	<input type="text" value="gupta"/>
E-mail id:	<input type="text" value="shivam6@gmail.com"/>
contact Number	<input type="text" value="9310167891"/>



shivamint(1)

step 3: - check the data base:-

```
mysql> select * from forms;
+-----+-----+-----+-----+
| fname | lname | email                | contact |
+-----+-----+-----+-----+
| shivam | gupta | shivam6@gmail.com    | 9310167891 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> █
```

QUES 2 :- Create a form to search records by name, email and contact number. It should show matching results.

HTML FORM CODE :-

```
<!Doctype html>
<html>
  <head> <title> Search form </title></head>
  <body>
    <form name ="sform" action="search.php">
      <table>
        <tr><td> enter the field on basis of which you want to search </td> <td><input type ="text"
name="field"></td></tr>
        <tr><td> enter the data to be fetched </td><td><input type ="text" name="data"></td></tr>
        <tr><td><button type ="submit"> Search </button></td></tr>
      </table>
    </form>
  </body>
</html>
```


Activities Google Chrome

Search form x +

← → ↻ ⓘ Not secure | goyalmayank.com/PODASSIGNMENT/search.html

Apps Gmail YouTube Maps

enter the field on basis of which you want to search

enter the data to be fetched

PHP CODE:-

```
<?php
var_dump(PDO::getAvailableDrivers());
$col=$_REQUEST["field"];
$data=$_REQUEST["data"];
try{
    $conn =new PDO('mysql:host=127.0.0.1;dbname=Assignment','debian-sys-
maint','0MONCnvln7dlERYI');
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    var_dump($conn);
    $dataobj=$conn->query("select * from forms where $col = '$data'")-
>fetchAll(PDO::FETCH_ASSOC);
    var_dump($dataobj);
    $conn=null;
}
catch(PDOException $ex){
    die('Error:'. $ex);
}

?>
```



```
mysql> select * from forms;
```

fname	lname	email	contact
mayank	goyal	dorial5656@gmail.com	9650704833
karan	pandey	pandeykaran641@gmail.com	8744866528
xyz	abs	dfe@gmail.com	1234567898

```
3 rows in set (0.00 sec)
```

```
mysql> 
```

SEARCH USING fname :-

Activities Google Chrome

Search form x +

← → ↻ ⓘ Not secure | goyalmayank.com/PODASSIGNMENT/search.html

Apps Gmail YouTube Maps

enter the field on basis of which you want to search

enter the data to be fetched

← → ↻ ⓘ Not secure | goyalmayank.com/PODASSIGNMENT/search.php?field=fname&data=xyz ☆ 🌈 🛠 👤 ⋮

Apps Gmail YouTube Maps

```
array(1) { [0]=> string(5) "mysql" } object(PDO)#1 (0) { } array(1) { [0]=> array(4) { ["fname"]=> string(3) "xyz" ["lname"]=> string(3) "abs" ["email"]=> string(13) "dfe@gmail.com" ["contact"]=> string(10) "1234567898" }
```

SEARCH BY E-Mail

← → ↻ ⓘ Not secure | goyalmayank.com/PODASSIGNMENT/search.html

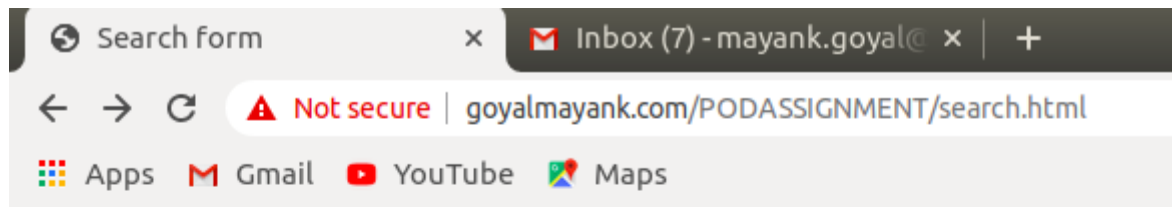
Apps Gmail YouTube Maps

enter the field on basis of which you want to search

enter the data to be fetched

```
array(1) { [0]=> string(5) "mysql" } object(PDO)#1 (0) { } array(1) { [0]=> array(4) { ["fname"]=> string(6) "mayank" ["lname"]=> string(5) "goyal" ["email"]=> string(20) "dorial5656@gmail.com" ["contact"]=> string(10) "9650704833" }
```

SEARCH BY CONTACT :-



enter the field on basis of which you want to search

contact

enter the data to be fetched

8744866528

Search

```
array(1) { [0]=> string(5) "mysql" } object(PDO)#1 (0) { } array(1) { [0]=> array(4) { ["fname"]=> string(5) "karan" ["lname"]=> string(6) "pandey" ["email"]=> string(24) "pandeykaran641@gmail.com" ["contact"]=> string(10) "8744866528" }
```