

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>

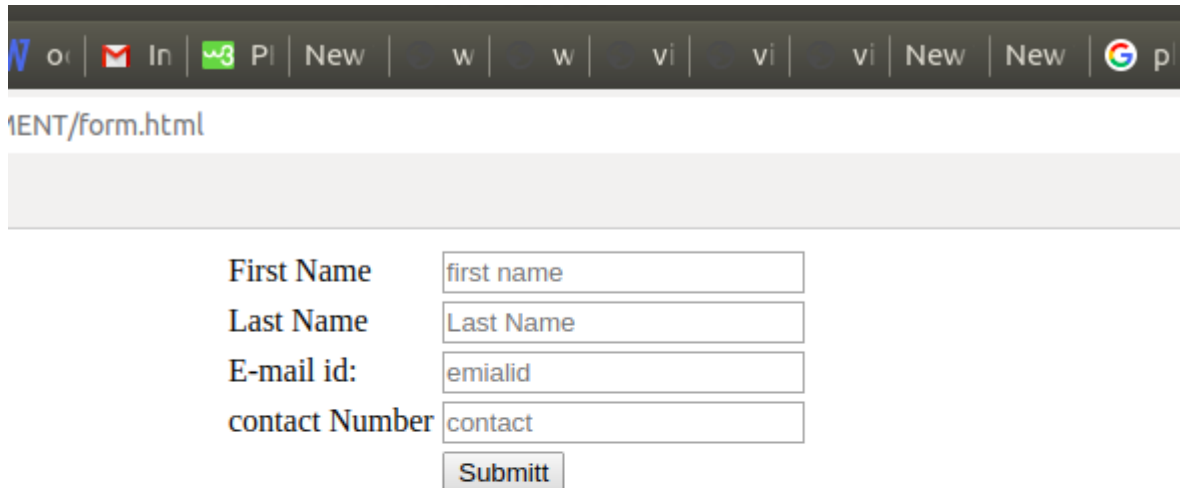
        </table>

      </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
{
    $conn =new PDO('mysql:host=127.0.0.1;dbname=form','debian-sys-
maint','0MONCnvlN7dIERyI');
    //var_dump($conn);die;
    if($name ==null)
    {
        echo"error in name";
        $flag=0;
    }
    elseif($last==null)
    {
        echo"error in last name ";
        $flag=0;
    }
    elseif($email==null)
```

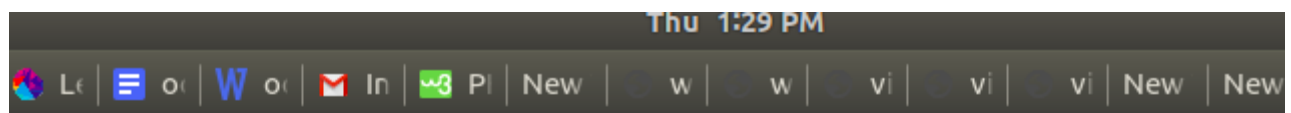
```

    {
        echo "error in email";
        $flag=0;
    }
elseif($contact==null)
    {
        echo "error in Contact";$flag=0;
    }

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

?>

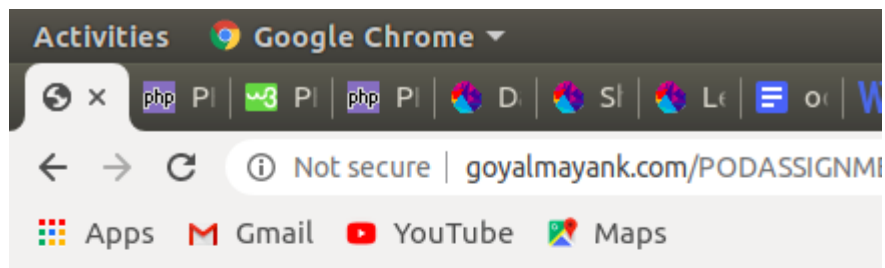
```



om/PODASSIGNMENT/form.html

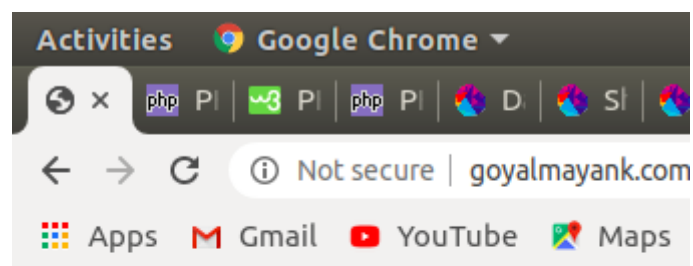
s

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"/>
	<input type="button" value="Submitt"/>



error in name

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="Submit"/>



jkdjwderror in last name

correct output

Thu 1:34 PM

h | 3 Pi | New | w | w | vi | vi | vi |

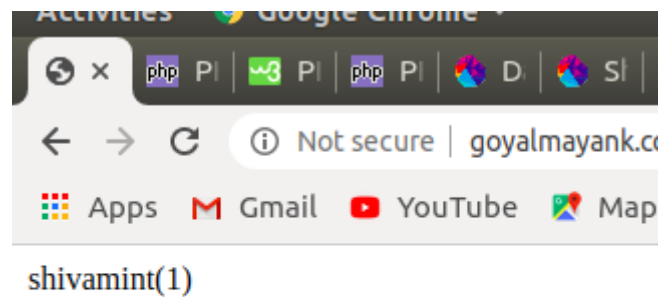
tml

First Name

Last Name

E-mail id:

contact Number



step 3: - check the data base:-

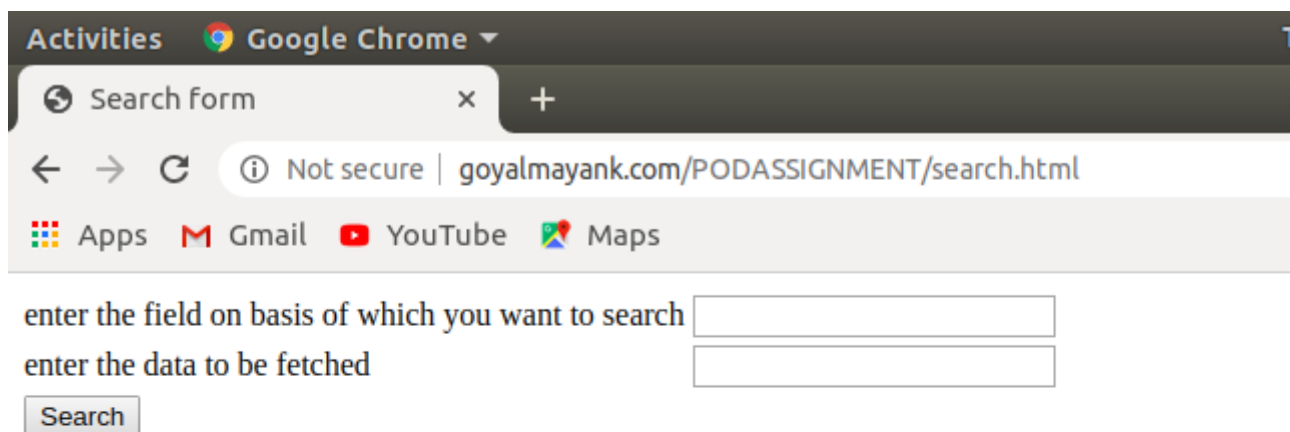
```
mysql> select * from forms;
+-----+-----+-----+-----+
| fname | lname | email          | contact |
+-----+-----+-----+-----+
| shivam | gupta | shivam6@gmail.com | 9310167891 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

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>
```



The screenshot shows a Google Chrome browser window with the title 'Search form'. The address bar displays 'Not secure | goyalmayank.com/PODASSIGNMENT/search.html'. Below the browser window, the search form is rendered. It consists of two text input fields. The first field is preceded by the text 'enter the field on basis of which you want to search'. The second field is preceded by the text 'enter the data to be fetched'. Below these fields is a 'Search' button.

PHP CODE:-

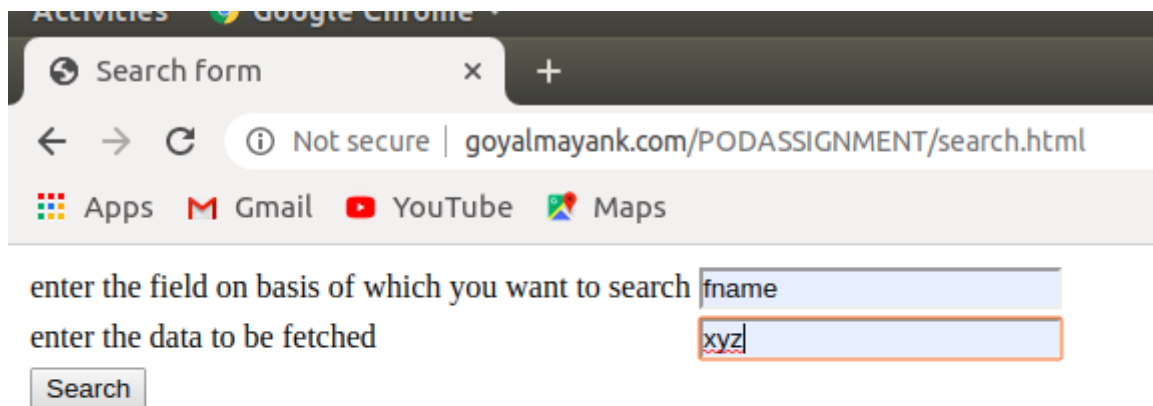
```
<?php
var_dump(PDO::getAvailableDrivers());
$col=$_REQUEST["field"];
$data=$_REQUEST["data"];
try{
    $conn =new PDO('mysql:host=127.0.0.1;dbname=Assignment','debian-sys-
maint','0MONCnvlN7dlERYI');
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    var_dump($conn);
    $dataobj=$conn->query("select * 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

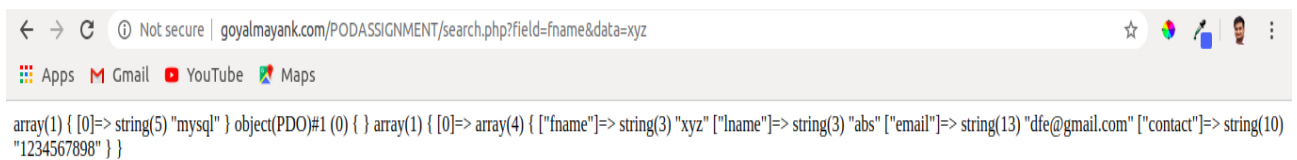
Not secure | goyalmayank.com/PODASSIGNMENT/search.html

Apps Gmail YouTube Maps

enter the field on basis of which you want to search

enter the data to be fetched

Search



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

Apps Gmail YouTube Maps

```
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 :-

Search form × Inbox (7) - mayank.goyal@ × +

← → ↻ ⚠ 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(5) "karan" ["lname"]=> string(6) "pandey" ["email"]=> string(24) "pandeykaran641@gmail.com" ["contact"]=> string(10) "8744866528" } }
```