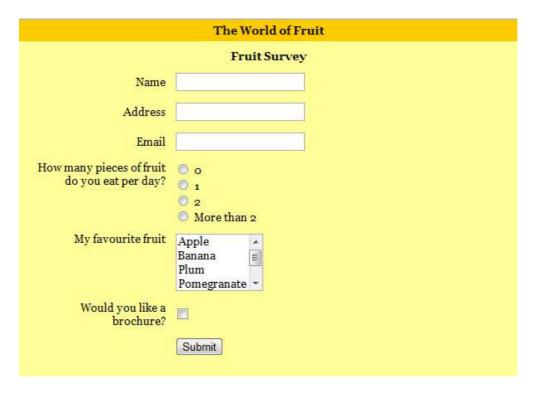
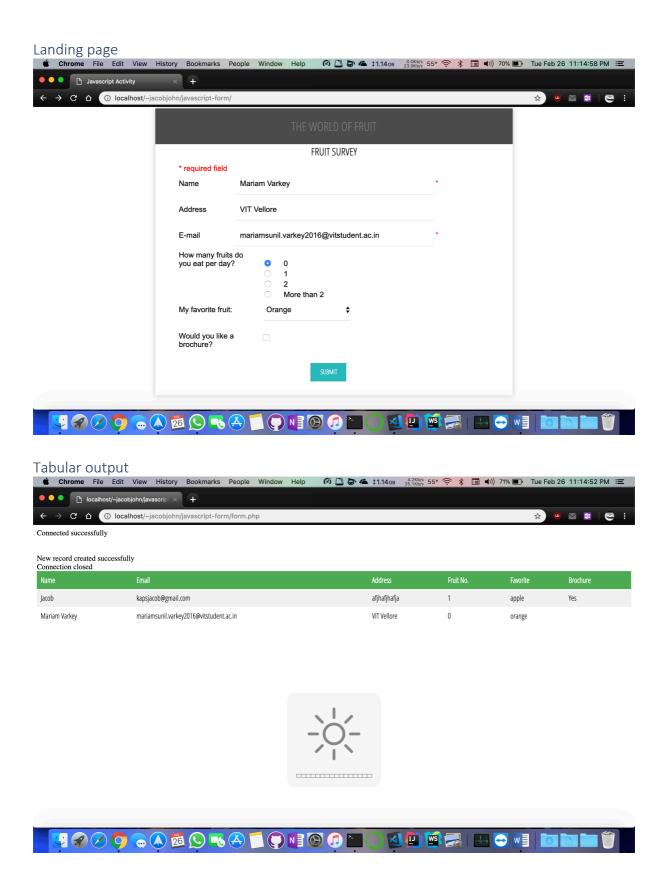
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COURSE	Internet and Web Programming

LAB ASSESSMENT #5

PHP Forms

Design the following Form and validate all form components using Client side Javascript. Use PHP to update the fields to MYSQL and display in tabular format.





```
<!DOCTYPE html>
<html>
        $nameErr = $emailErr = "";
        function test input($data) {
                $data = trim($data);
                $data = stripslashes($data);
                $data = htmlspecialchars($data);
            if ($ SERVER["REQUEST METHOD"] == "POST") {
                if (empty($_POST["name"])) {
                    $nameErr = "Name is required";
                } else {
                    $name = test input($ POST["name"]);
                    if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
                    $nameErr = "Only letters and white space allowed";
                if (empty($ 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";
    <link href='http://fonts.googleapis.com/css?family=Open+Sans+Condensed:300'</pre>
rel='stylesheet' type='text/css'>
    <style type="text/css">
        .error {
            color: #FF0000;
        .form-sample {
            font-family: 'Open Sans Condensed', arial, sans;
            width: 700px;
            padding: 30px;
            background: #FFFFFF;
            margin: 50px auto;
            box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.22);
```

```
text-align: center;
    background: #4D4D4D;
    text-transform: uppercase;
    font-family: 'Open Sans Condensed', sans-serif;
    color: #797979;
    font-size: 26px;
    font-weight: 100;
   padding: 20px;
   margin: -30px -30px 30px -30px;
   text-align: center;
   text-transform: uppercase;
   color: #000000;
   font-size: 22px;
    font-weight: bold;
   font-weight: 100;
   margin: -30px -30px 10px -30px;
input[type="text"],
input[type="email"],
input[type="checkbox"],
select {
   box-sizing: border-box;
   outline: none;
   display: inline-block;
   width: 60%;
   padding: 7px;
   border: none;
   border-bottom: 1px solid #ddd;
   background: transparent;
   margin-bottom: 10px;
   font: 16px Arial, Helvetica, sans-serif;
   height: 45px;
input[type="checkbox"] {
   position: float;
select {
   min-height: 70px;
   max-width: 27%;
   position: float;
   display: inline;
```

```
input[type="radio"] {
   display: inline-block;
   height: 15px;
   position: relative;
   margin-left: 10px;
   margin-right: 5px;
input[type="radio"].r1 {
   margin-left: 203px;
   margin-right: 5px;
textarea {
   resize: none;
   overflow: hidden;
   font: 16px Arial, Helvetica, sans-serif;
   display: inline-block;
   margin: 0 20px;
p.f1 {
   width: 100px;
   width: 150px;
   position: relative;
p.f3 {
   width: 150px;
   margin: -20px 25px 20px 20px;
   position: relative;
input[type="button"],
input[type="submit"] {
    box-shadow: inset 0px 1px 0px 0px #45D6D6;
    background-color: #2CBBBB;
   border: 1px solid #27A0A0;
   display: block;
   cursor: pointer;
    color: #FFFFFF;
    font-family: 'Open Sans Condensed', sans-serif;
    font-size: 14px;
```

```
padding: 8px 18px 10px 20px;
            margin-left: 300px;
            text-decoration: none;
            text-transform: uppercase;
            text-align: center;
        input[type="button"]:hover,
        input[type="submit"]:hover {
            background: linear-gradient(to bottom, #34CACA 5%, #30C9C9 100%);
            background-color: #34CACA;
    </style>
    <script>
        function validate(){
        var reg = /[A-Za-z]{5,15}/i;
        var reg3 = /.+@.+\..+/i;
        if(document.forms["myForm"]["name"].value == "")
            alert("Name must be filled out");
            document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
            return false;
        else if(document.forms["myForm"]["address"].value == "")
            alert("Address must be filled out");
            document.forms["myForm"]["address"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
           return false;
        else if(document.forms["myForm"]["email"].value == "")
            alert("E-mail must be filled out");
            document.forms["myForm"]["email"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
            return false;
        else if(document.forms["myForm"]["fruit-no"].value == "")
            alert("Please select how many fruits do you eat per day");
            document.getElementById("fpd").style.textColor = "2px solid rgb(255,
51, 0)";
            return false;
        else if(reg.test(document.forms["myForm"]["name"].value) != 1){
            alert("Name can only be 5 - 15 alphabetical characters");
            document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
            return false;
```

```
else if((document.forms["myForm"]["address"].value).length < 5 ||</pre>
(document.forms["myForm"]["address"].value).length > 40){
            document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
           alert("Address can only be 5 - 40 characters");
            document.forms["myForm"]["address"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
           return false;
        else if(reg3.test(document.forms["myForm"]["email"].value) != 1){
           document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
           document.forms["myForm"]["address"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
           alert("Please check the format of your e-mail");
            document.forms["myForm"]["email"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
           return false;
        document.forms["myForm"]["name"].style.borderBottom = "2px solid rgb(56,
209, 56)";
        document.forms["myForm"]["address"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
        document.forms["myForm"]["email"].style.borderBottom = "2px solid rqb(56,
209, 56)";
</script>
       <title>
            Javascript Activity
       </title>
    </head>
        <div class="form-sample">
           <h2>The World of Fruit</h2>
           <h3>Fruit Survey</h3>
           <span class="error">* required field</span>
            <form name="myForm" onsubmit="return validate()" action = "form.php"</pre>
method = "POST">
                Name <input type="text" name="name"</pre>
placeholder="John Doe" value="<?php echo $name;?>">
               <span class="error">* <?php echo $nameErr;?></span>
                Address <input type="text" name="address"</pre>
placeholder="221B Baker Street, London"><br>
                E-mail <input type="text" name="email"</pre>
placeholder="john@doe.com" value="<?php echo $email;?>">
               <span class="error">* <?php echo $emailErr;?></span>
```

```
<br>
             How many fruits do you eat per day?
             <input type="radio" name="fruit-no" value="0">
             0 <br>
             <input type="radio" class="r1" name="fruit-no" value="1">
             1 <br>
             <input type="radio" class="r1" name="fruit-no" value="2">
             2 <br>
             <input type="radio" class="r1" name="fruit-no" value="2+">
             More than 2 <br>
             My favorite fruit: 
             <select name="favorite">
                <option value="apple">Apple</option>
                <option value="banana">Banana
                <option value="orange">Orange</option>
                <option value="plum">Plum</option>
                <option value="pineapple">Pineapple</option>
             </select><br>
             Would you like a brochure?
             <input type="checkbox" name="brochure" value="Yes"><br><br>
             <input type="submit" name="submit">
         </form>
      </div>
   </body>
</html>
```

Form.php

```
color: white;
</style>
<html>
   <?php
       $user = "root";
       $pass = "Password";
       $database = "FormActivity";
       $conn = new mysqli("localhost", $user, $pass, $database);
       if ($conn->connect error) {
          die("Connection failed: " . $conn->connect_error);
       echo "Connected successfully <br>";
       $name = $_POST['name'];
       $email = $_POST['email'];
       $address = $_POST['address'];
       $nfruits = $ POST['fruit-no'];
       $fav = $_POST['favorite'];
       $brochure = $_POST['brochure'];
       echo '<br>
              Name
              Email
              Address
              Fruit No.
              Favorite
              Brochure
           ';
brochure) VALUES('$name','$email','$address','$nfruits','$fav','$brochure')";
       if ($conn->query($q) === TRUE) {
           echo "<bre>"<bre>er>New record created successfully";
       $q = "SELECT * FROM FruitData";
       $result = $conn->query($q);
       while($row = $result->fetch assoc()) {
           $name = $row['name'];
           $email = $row['email'];
           $address = $row['address'];
           $nfruits = $row['nfruits'];
          $fav = $row['fav'];
```