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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.

The World of Fruit

Fruit Survey

Name

Address

Email

How many pieces of fruit do you eat per day?

☐ 0
☐ 1
☐ 2
☐ More than 2

My favourite fruit

Apple
 Banana
 Plum
 Pomegranate

Would you like a brochure? ☐

Landing page

THE WORLD OF FRUIT

FRUIT SURVEY

* required field

Name: Mariam Varkey

Address: VIT Vellore

E-mail: mariamsunil.varkey2016@vitstudent.ac.in

How many fruits do you eat per day?

☒ 0
☐ 1
☐ 2
☐ More than 2

My favorite fruit: Orange

Would you like a brochure? ☐

SUBMIT

Tabular output

Connected successfully

New record created successfully

Connection closed

Name	Email	Address	Fruit No.	Favorite	Brochure
Jacob	kapsjacob@gmail.com	afjhafjhafja	1	apple	Yes
Mariam Varkey	mariamsunil.varkey2016@vitstudent.ac.in	VIT Vellore	0	orange	

Index.php

```
<!DOCTYPE html>
<html>
  <?php
    // define variables and set to empty values
    $nameErr = $emailErr = "";
    $name = $email = $address = $fav = $brochure = "";

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

    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";
        }
      }
    }

    ?>
    <link href='http://fonts.googleapis.com/css?family=Open+Sans+Condensed:300'
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);
      }
    </style>
  </html>
</pre>
```

```

}

h2 {
  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;
}

h3 {
  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;
}

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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;
}

p {
    font: 16px Arial, Helvetica, sans-serif;
    display: inline-block;
    margin: 0 20px;
}

p.f1 {
    width: 100px;
}

p.f2 {
    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: #2CB BBB;
    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 ||
(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 rgb(56,
209, 56)";
    }
</script>

<head>
    <title>
        Javascript Activity
    </title>
</head>

<body>
    <div class="form-sample">
        <h2>The World of Fruit</h2>
        <h3>Fruit Survey</h3>
        <p><span class="error">* required field</span></p>
        <form name="myForm" onsubmit="return validate()" action = "form.php"
method = "POST">
            <p class="f1">Name</p> <input type="text" name="name"
placeholder="John Doe" value="<?php echo $name;?>">
            <span class="error">* <?php echo $nameErr;?></span>
            <br>
            <p class="f1">Address</p> <input type="text" name="address"
placeholder="221B Baker Street, London"><br>
            <p class="f1">E-mail</p> <input type="text" name="email"
placeholder="john@doe.com" value="<?php echo $email;?>">
            <span class="error">* <?php echo $emailErr;?></span>

```

```

        <br>
        <p class="f2" id="fpd">How many fruits do you eat per day?</p>
        <input type="radio" name="fruit-no" value="0">
        <p class="f2">0</p> <br>
        <input type="radio" class="r1" name="fruit-no" value="1">
        <p class="f2">1</p> <br>
        <input type="radio" class="r1" name="fruit-no" value="2">
        <p class="f2">2</p> <br>
        <input type="radio" class="r1" name="fruit-no" value="2+">
        <p class="f2">More than 2</p> <br>
        <p class="f3">My favorite fruit: </p>
        <select name="favorite">
            <option value="apple">Apple</option>
            <option value="banana">Banana</option>
            <option value="orange">Orange</option>
            <option value="plum">Plum</option>
            <option value="pineapple">Pineapple</option>
        </select><br>
        <p class="f2">Would you like a brochure?</p>
        <input type="checkbox" name="brochure" value="Yes"><br><br>
        <input type="submit" name="submit">
    </form>
</div>
</body>

</html>

```

Form.php

```

<!DOCTYPE html>
<link href='http://fonts.googleapis.com/css?family=Open+Sans+Condensed:300'
rel='stylesheet' type='text/css'>
<style type="text/css">
    table {
        font-family: 'Open Sans Condensed', arial, sans;
        border-collapse: collapse;
        width: 100%;
    }

    th, td {
        text-align: left;
        padding: 8px;
    }

    tr:nth-child(even){
        background-color: #f2f2f2
    }

    th {
        background-color: #4CAF50;
    }

```



```

        color: white;
    }
</style>
<html>
    <body>
        <?php
            $user = "root";
            $pass = "Password";
            $database = "FormActivity";
            $conn = new mysqli("localhost",$user, $pass, $database);
            // Check connection
            if ($conn->connect_error) {
                die("Connection failed: " . $conn->connect_error);
            }
            echo "Connected successfully <br>";

            //take form data as input
            $name = $_POST['name'];
            $email = $_POST['email'];
            $address = $_POST['address'];
            $nfruits = $_POST['fruit-no'];
            $fav = $_POST['favorite'];
            $brochure = $_POST['brochure'];

            echo '<br><table border="0" cellspacing="2" cellpadding="2">
                <tr>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Address</th>
                    <th>Fruit No.</th>
                    <th>Favorite</th>
                    <th>Brochure</th>
                </tr>';

            $q = "INSERT INTO FruitData (name, email, address, nfruits, fav,
brochure) VALUES('$name','$email','$address','$nfruits','$fav','$brochure')";
            if ($conn->query($q) === TRUE) {
                echo "<br>New record created successfully";
            } else {
                echo "Error: " . $q . "<br>" . $conn->error;
            }

            $q = "SELECT * FROM FruitData";
            $result = $conn->query($q);
            if ($result->num_rows > 0) {
                while($row = $result->fetch_assoc()) {
                    $name = $row['name'];
                    $email = $row['email'];
                    $address = $row['address'];
                    $nfruits = $row['nfruits'];
                    $fav = $row['fav'];

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$brochure = $row['brochure'];

echo '<tr>
    <td>' . $name . '</td>
    <td>' . $email . '</td>
    <td>' . $address . '</td>
    <td>' . $nfruits . '</td>
    <td>' . $fav . '</td>
    <td>' . $brochure . '</td>
</tr>';
}
}
//closing connection
mysqli_close($conn);
echo "<br>Connection closed";
?>
</body>
</html>
```