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COURSE	Internet and Web Programming

LAB CAT 1

Index.php

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

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 date 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;
```

```css
        margin: 50px auto;
        box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.22);
    }

    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"],
    input[type="password"],
    input[type="date"],
    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;
    }

    [type="checkbox"] {
        vertical-align: middle;
    }

    input[type="checkbox"] {
        position: float;
```

```css
}

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: 153px;
    margin-right: 5px;
}

input[type="radio"].r2 {
    margin-left: 10px;
    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;
```

```css
        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"]["date"].value == "") {
            alert("date must be filled out");
            document.forms["myForm"]["date"].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 (reg.test(document.forms["myForm"]["name"].value) != 1) {
            alert("Name can only be 5 - 15 alphabetical characters");
            document.forms["myForm"]["date"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
            document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
```

```
            return false;
        } else if (reg3.test(document.forms["myForm"]["email"].value) != 1) {
            document.forms["myForm"]["date"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
            document.forms["myForm"]["name"].style.borderBottom = "2px solid
rgb(56, 209, 56)";
            document.forms["myForm"]["email"].style.borderBottom = "2px solid
rgb(255, 51, 0)";
            return false;
        }
        document.forms["myForm"]["date"].style.borderBottom = "2px solid rgb(56,
209, 56)";
        document.forms["myForm"]["name"].style.borderBottom = "2px solid rgb(56,
209, 56)";
        document.forms["myForm"]["email"].style.borderBottom = "2px solid rgb(56,
209, 56)";
    }
</script>

<head>
    <title>
        CAT Exam with CSS
    </title>
</head>

<body>
    <div class="form-sample">
        <h2>Registration form</h2>
        <form name="myForm" onsubmit="return validate()" action="form_CT1.php"
method="POST">
            <p class="f1">Name</p> <input type="text" name="name"
placeholder="John Doe"><span class="error">* <?php echo $nameErr; ?></span><br>
            <p class="f1">E-mail</p> <input type="text" name="email"
placeholder="john@doe.com"><span class="error">* <?php echo $emailErr;
?></span><br>
            <p class="f1">DOB</p><input type="date" name="birth"><br>
            <p class="f1">Password</p> <input type="password" name="pass"
placeholder="********"><br>
            <p class="f1" id="fpd">Gender</p>
            <input type="radio" class="r2" name="gender" value="m">
            <p class="f2">Male</p><br>
            <input type="radio" class="r1" name="gender" value="f">
            <p class="f2">Female</p><br>
            <input type="radio" class="r1" name="gender" value="u">
            <p class="f2">Unknown</p><br>
            <p class="f1">Country</p>
            <select name="country" class="f3">
                <option value="India">India</option>
                <option value="USA">USA</option>
                <option value="China">China</option>
            </select><br>
```

```
            <p class="f1">Meal Preference?</p><br>
            <p class="f1">Low Calorie</p><input type="checkbox" name="pref1"
value="LowCal"><br>
            <p class="f1">Low Salt</p><input type="checkbox" name="pref2"
value="LowSalt"><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
        //take form data as input
    $name = $_POST['name'];
    $email = $_POST['email'];
    $gender = $_POST['gender'];
    $country = $_POST['country'];
    $date = $_POST['birth'];
```

```php
        echo '<br><table border="0" cellspacing="2" cellpadding="2">
                <tr>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Gender</th>
                    <th>Country</th>
                    <th>DOB</th>
                </tr>';

        $myfile = fopen("newfile.txt", "a+");
        $txt = file_get_contents("newfile.txt");
        fclose($myfile);
        $txt .= '<tr>
                    <td>' . $name . '</td>
                    <td>' . $email . '</td>
                    <td>' . $gender . '</td>
                    <td>' . $country . '</td>
                    <td>' . $date . '</td>
                </tr>';
        echo $txt;
        $myfile = fopen("newfile.txt", "w");
        fwrite($myfile, $txt);
        fclose($myfile);
        echo '</table>';


    ?>
</body>

</html>
```