

PRACTICAL-8

CREATING A WEBPAGE WITH BACKEND IN PHP AND FRONTEND IN JAVASCRIPT

HTML CODE OF HOME.php:

```
<!DOCTYPE html>
<html>
  <head>
    <title>form</title>
    <style type="text/css">
      *{
        box-sizing: border-box;
        text-align: center;
        font-family: 'Lato', 'Arial', sans-serif;
      }
      body{

        background-color: #f5f5f5;
        background-attachment: fixed;
        background-position: center;
        background-size: cover;

      }
      h1{
        color: aqua;
        background-color:#171796;
        z-index: 2;
        font-family: 'Lato', 'Arial', sans-serif;
      }
      #form_box{
        margin-left: 10%;
        margin-right: 10%;
        padding: 5% 10%;

        text-align: left;
        border: 2px solid rgb(63, 7, 7);
        border-radius: 5px;
        background-color: #c6e2ff;
        z-index: 999;
        font-family: 'Lato', 'Arial', sans-serif;
      }
      .mand{
        color: rgb(131, 0, 0);
      }
      h6{
        color:#c6e2ff;
        background-color: rgb(90, 29, 29);
```

```

        z-index: 2;
        font-family: 'Lato', 'Arial', sans-serif;
    }
    input:link,
    input:visited{
        border: 1px solid white;
    }
    input:hover,
    input:active{
        border: 1px solid rgb(131, 0, 0);
    }
    #btn{
        border: 2px solid rgb(131, 0, 0);
        z-index: 9999;
        padding: 5px 5px;
        border-radius: 5px;
        transition: background-color 0.2s, color 0.2s;
    }
    #btn:hover,
    #btn:active{
        background-color: rgb(90, 29, 29);
        color: #c6e2ff;
        border: 2px solid rgb(131, 0, 0);
        border-radius: 5px;
        padding: 5px 5px;
        cursor: pointer;
    }

    }

    textarea:link,
    textarea:visited{
        border: 1px solid white;
    }
    textarea:hover,
    textarea:active{
        border: 1px solid rgb(131, 0, 0);
    }
}
</style>

```

```
<script type="text/javascript">
```

```

    var formExample = document.getElementById("form_box");
    formExample.submit();

    document.getElementById("form_box").onsubmit = function(e){
        var fieldValue=document.getElementById("name").value;
        if(fieldValue==null || fieldValue== "")

```

```

        {
            e.preventDefault();
            alert("you must enter your name");
        }
        var fieldValue=document.getElementById("email").value;
        if(fieldValue==null || fieldValue== "")
        {
            e.preventDefault();
            alert("you must enter your email address");
        }
        var fieldValue=document.getElementById("institution").value;
        if(fieldValue==null || fieldValue== "")
        {
            e.preventDefault();
            alert("you must enter your institution name");
        }
        var fieldValue=document.getElementById("stream").value;
        if(fieldValue==null || fieldValue== "")
        {
            e.preventDefault();
            alert("you must enter your stream");
        }
        var n=document.getElementById("sem").value;
        if(!isNaN(parseFloat(n)) && isFinite(n))
        {e.preventDefault();
            alert("you must enter your semester"); }
        var fieldValue=document.getElementById("skill").value;
        if(fieldValue==null || fieldValue== "")
        {
            e.preventDefault();
            alert("you must enter your skills");
        }

    }

    function onconf()
    {document.getElementById("conf").innerHTML="Please confirm your details before submitting...";
        document.getElementById("conf").style.color="rgb(90, 29, 29)";
    }
    function offconf()
    {
        document.getElementById("conf").innerHTML=" ";
    }

```

```

        function marq()
        {
            return ((new Date().getDate()).toString());
        }

    </script>
</head>

<body>
    <h1>Registration form</h1>

    <?php
$name = $email = $gender = $comment = $website = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = test_input($_POST["name"]);
    $email = test_input($_POST["email"]);
    $institution = test_input($_POST["institution"]);
    $course = test_input($_POST["course"]);
    $stream = test_input($_POST["stream"]);
}

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

    <form method="post" action="#after" id="form_box">

        <label for="name"><span class="mand">*</span>Name: </la
bel>
        <input type="text" id="name" name="name" required><br>
<br>

        <label for="email"><span class="mand">*</span>Email id:
</label>
        <input type="email" id="email" name="email" placeholder
="abc@xyz.com" required><br><br>

        <label for="institution"><span class="mand">*</span>Nam
e of your Institution: </label>
        <input type="text" id="institution" name="institution"
required><br><br>

```

```
<label for="dob"><span class="mand"*</span>Date of birth:</label>  
    <input type="date" id="dob" name="dob" required><br><br>  
  
    <label for="course"><span class="mand"*</span>Which course are you pursuing? </label>  
    <select id="course" name="course" required>  
        <option value="non" default>-select-</option>  
        <option value="B.Tech">B.Tech</option>  
        <option value="M.Tech">M.Tech</option>  
        <option value="PhD">PhD</option>  
    </select>  
    <br><br>  
    <label for="stream"><span class="mand"*</span>Which stream are you pursuing? </label>  
    <input type="text" id="stream" name="stream" required>  
        &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
    <label for="sem"><span class="mand"*</span>Semester: </label>  
    <input type="number" id="sem" max="8" min="1" value="2" required><br><br>  
  
    <input type="checkbox" id="check">  
    <label for="check">Check if you want us to keep you updated.</label>  
    <br><br>  
    <p style="text-align: left; color: rgb(70, 36, 4);">Fields marked with * sign are mandatory.</p>  
    <br>  
  
    <input type="submit" id="btn" value="Register" onclick="onconf();" onmouseout="offconf();"><br>  
    <p id="conf"> </p>  
</form>  
<div id="after">  
    <?php  
echo "<h1>Welcome! ".$name."</h1>";  
echo "<h3>So, you are pursuing ".$course." in ".$stream." at ".$institution."</h3>";  
echo "<h3>Best of luck for your journey with us...</h3>";  
echo "<h3>Your e-mail: ".$email."</h3>";  
?>  
</div>  
</body>  
</html>
```

```

        function marq()
        {
            return ((new
Date().getDate()).toString());
        }

    </script>
</head>

<body>
    <h1>Registration form</h1>
    <!-- <div class="form_box"> -->
    <form method="post" action="#after" id="form_box">

        <label for="name"><span class="mand">*</span>Name: </label>
<input type="text" id="name" name="name" required><br><br>
        <label for="email"><span class="mand">*</span>Email id: </label>
<input type="email" id="email" name="email" placeholder="abc@xyz.c om"
required><br><br>

        <label for="institution"><span class="mand">*</span>Name of your I
nstitution: </label>
<input type="text" id="institution" name="institution"
required><br><br>

        <label for="dob"><span class="mand">*</span>Date of birth:
</label >
<input type="date" id="dob" name="dob" required><br><br>
        <label for="course"><span class="mand">*</span>Which course are yo
u pursuing? </label>
<select id="course" name="course" required>
    <option value="non" default>-select-</option>
    <option value="B.Tech">B.Tech</option>
    <option value="M.Tech">M.Tech</option>
    <option value="PhD">PHD</option>
</select>
    <br><br>
        <label for="stream"><span class="mand">*</span>Which stream are yo
u pursuing? </label>
<input type="text" id="stream" name="stream" required>
    <br><br>
        <label for="sem"><span class="mand">*</span>Semester: </label>
<input type="number" id="sem" max="8" min="1" value="1" required><br><br>
        <input type="submit" id="btn" value="Register"
onmouseover="onconf ();" onmouseout="offconf();"><br>

```

```

        <p id="conf"> </p>
    </form>
    <div id="after">
    <?php
echo "<h1>Welcome! ".$name."</h1>"; echo "<h3>So, you are pursuing
".$course." in ".$stream." at ".$institution."<
/h3>"; echo "<h3>Best of luck for your journey with
us...</h3>"; echo "<h3>Your e-mail: ".$email."</h3>";
?>

    </div>

    </body>
</html>

```

OUTPUT:

The screenshot shows a web browser window with a registration form. The browser's address bar shows the URL `localhost/example/lab7.php#after`. The form is titled "Registration form" in a blue header. The form fields are as follows:

- *Name:
- *Email id:
- *Name of your Institution:
- *Date of birth:
- *Which course are you pursuing?
- *Which stream are you pursuing?
- *Semester:
- ☐ Check if you want us to keep you updated.

Fields marked with * sign are mandatory.

OUTPUT AFTER FILLING DATA:

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'form' and displays a registration form. The form is set against a light blue background and contains the following fields and elements:

- *Name of your Institution:
- *Date of birth:
- *Which course are you pursuing?
- *Which stream are you pursuing?
- *Semester:
- ☐ Check if you want us to keep you updated.
- Fields marked with * sign are mandatory.
-

Below the form, a dark blue banner displays the text 'Welcome! Govind Kumar' in white. Underneath the banner, the following text is centered:

So, you are pursuing B.Tech in IT at iiitsonepat
Best of luck for your journey with us...
Your e-mail: govind85050@gmail.com

The browser's address bar shows the URL 'localhost/example/lab7.php#after'. The Windows taskbar at the bottom includes a search bar and various application icons. The system clock in the bottom right corner indicates the time as 07:34 on 14-06-2020.