

EXPERIMENT NO. 7**Working with Files in PHP**

AIM: To develop web apps in understanding the use of Files in PHP

Question (1). Study how JSON format looks like.

Develop a web application using PHP to work with files, reading data from a file and writing user data into file.

- a. Create a Page to enter student data using form controls.
- b. Have a SUBMIT button, when clicked the message has to be saved at the backend in a JSON format text file.
- c. Add the Timestamp along with the file when it's saved.
- d. In another PHP page have a text box, while entering a specific student ID(To address) on it and a submit button clicked it should show the student details as the output in PHP file

SOURCE CODE:

```
<html>
  <head>
    <title>PHP File Handling</title>
    <style>
      fieldset{
        border: 2px solid;
        margin-left: 15rem;
        margin-right: 15rem;
      }
      table, td, tr{
        margin-left:8%;
        margin-right:8%;
        border-collapse:collapse;
      }
    </style>
    <script>
      document.addEventListener("DOMContentLoaded", function () {
        const btn = document.getElementById("btn");
        const msg = document.getElementById("msg");

        btn.addEventListener("click", function (event) {
          event.preventDefault();
          msg.textContent = "File Created!";
        });
      });
    </script>
  </head>
```

```
<body>
  <div>
    <form method="post">
      <fieldset>
        <table>
          <tr>
            <td>Enter your Name: </td>
            <td><input type="text" name="fname"></td>
          </tr>
          <tr>
            <td>Enter your Roll No.: </td>
            <td><input type="number" name="roll"></td>
          </tr>
          <tr>
            <td>Enter your Course: </td>
            <td><input type="text" name="course"></td>
          </tr>
          <tr>
            <td></td>
            <td><input type="submit" value="Click to Save!"
id="btn"></td>
          </tr>
          <tr>
            <td></td>
            <td id="msg"></td>
          </tr>
        </table>
      </fieldset>
    </form>
  </div>
</body>

<?php
$StudentData = ["Name" => $_POST['fname'],
                "Roll No." => $_POST['roll'],
                "course" => $_POST["course"],
                "Timestamp" => date('y-m-d H:i:s')
                ];

$jsondata = json_encode($StudentData);
$filename = "data_".time().".json";
file_put_contents($filename, $jsondata);
?>
</html>
```

OUTPUT SCREENSHOT:

Enter your Name:	<input type="text" value="Akash Kumar Yadav"/>
Enter your Roll No.:	<input type="text" value="114"/>
Enter your Course:	<input type="text" value="MCA"/>
<input type="button" value="Click to Save!"/>	
File Created!	