



WORKSHEET-1.2

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Semester: Third
Subject Name: Back-end-Technology lab

UID: 22MCA20149
Section/Group: MCA- 1B
Date of Performance: 09-09-2023
Subject Code: 22CAH-706

Aim of the Experiment:-

Store the data obtained in experiment 1.1 in file and use that file in another program.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head> <style>
  table {
    width: 50rem; margin:auto ; height: 30rem; text-align : center; font-size: large;
background:#f9c3d6; padding: 1px; color:black; border: 2px solid blue;
  }
  h1{
    text-align: center;  }
  .eee{
    display: none;  }
  button{
    text-align: center; justify-content: space-between; width: 10rem; height: 2rem;
background-color:deepskyblue; cursor: pointer;  }

  .btn1{
    margin-left: 32rem; margin-top: 1rem;  }
</style>
<body>
  <h1> Employee Salary Table.</h1>
  <table border="1 solid black">
    <tbody>
      <tr>
        <th>Name</th> <th> UID </th> <th>City</th> <th>Jobrole</th> <th>Salary</th>
      </tr>
```

```
<tr> <td> Navneet </td> <td> 20149 </td> <td> Bettiah </td> <td> Developer
</td>
    <td> <input type="text" id="emp1" class="emp" /> </td>
</tr>
<tr>
    <td> Aryan </td> <td> 20145 </td> <td> Lucknow </td> <td> Programmer </td>
    <td> <input type="text" id="emp2" class="emp" /> </td>
</tr>
<tr>
    <td> Pushpam </td> <td> 20132 </td> <td> Madhubani </td> <td> Analyst </td>
    <td> <input type="text" id="emp3" class="emp" /> </td>
</tr>
<tr>
    <td> Sachin </td> <td> 20564 </td> <td> Gaya </td> <td> Coder </td>
<td> <input type="text" id="emp4" class="emp" /> </td>
</tr>
<tr>
    <td> Anand </td> <td> 20558 </td> <td> Chhapra </td> <td> Developer </td>
    <td> <input type="text" id="emp5" class="emp" /> </td>
</tr>
<tr>
    <td> pushpdip </td> <td> 20149 </td> <td> Bihar </td> <td> Programmer </td>
    <td> <input type="text" id="emp7" class="emp" /> </td>
</tr>

</tbody>
</table>
<button class="btn1" onclick="show()">show</button>
<button class="btn1" onclick="tsalary()">Total Sallary</button> </div>
<script>    let data1 =
104500; //dev    let data2 =
95000; //pro    let data3 =
85000; //ana    let data4 =
80000; //coder    function
show() {
    let emp1 = (document.getElementById("emp1").value = data1);
    let emp2 = (document.getElementById("emp2").value = data2);
    let emp3 = (document.getElementById("emp3").value = data3);
```

```
let emp4 = (document.getElementById("emp4").value = data4);
let emp5 = (document.getElementById("emp5").value = data1);
}
function tsalary(){
    let total=data1+data2+data3+data4+data5;
    alert(total);
    document.getElementById("totalsalary").value = total;
}
</script>
</body>
</html>
```

Node.js Code (index.js)

```
const fs = require('fs').promises;
const fs1 = require('fs'); const
http = require('http');

async function readFile(filePath){
    try{
        const data = await fs.readFile(filePath);
        console.log(data.toString());    const
        data1 = data.toString();
        fs.writeFile('newFile.html', data1)
    }catch(error){
        console.log("Error", error, "in file ", filePath );
    } }
readFile('index.html'); http.createServer(function
(req, res){    fs1.readFile('newFile.html',
function(err, data) {        if (err) {
res.writeHead(404);
        console.error('Error reading HTML file:', err);
res.end();
        }
    else {
        res.writeHead(200, {'Content-type': 'text/html'})
res.write(data);
        res.write("<h1>Total Salary = 729000</h1>");
    }
}
```

```
});  
}).listen(8080);
```

OUTPUT:

Employee Salary Table.

Name	UID	City	Job role	Salary
Navneet	20149	Bettiah	Developer	<input type="text" value="104500"/>
Aryan	20145	Lucknow	Programmer	<input type="text" value="95000"/>
Pushpam	20132	Madhubani	Analyst	<input type="text" value="85000"/>
Sachin	20564	Gaya	Coder	<input type="text" value="80000"/>
Anand	20558	Chhapra	Developer	<input type="text" value="104500"/>
Pushpdip	20149	Bihar	Coder	<input type="text" value="80000"/>

show

Total Salary

Total Salary= 594000

Learning Outcome:

1. I have learnt How to read and write html file in Node JS.
2. I have learnt How to append data in existing Html file.