BACK END TECHNOLOGIES

Experiment 2

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Branch: MCA   **Section/Group: 1/b**

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Subject Code: 22CAH-706

Aim of the Practical: Create Employee Salary Program using NodeJS.

Code: neew.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
    initial-scale=1.0">
    <title>Employee Salary Details</title>
    <style> body { margin:
        0; padding: 0; font-
        family: Arial, sans-
        serif;
            background-image: linear-gradient(orange,
            white, green); background-size: cover;
            display: flex; flex-direction: column;
            justify-content: center; align-items:
            center; height: 100vh; color: white;
        }
        .container    {    background:
            black;    padding:    20px;
            border-radius:        10px;
            width: 80%; box-shadow: 0
            4px 8px rgba(0, 0, 0, 0.2);
```

```
}    h1  {    text-align:
center;   margin-bottom:
20px;
} table { width: 100%; border-
collapse:   collapse;   margin-
top: 20px;
}  th,  td  {  padding:
10px;        text-align:
center;
}
th  {     background-color:  rgb(132,  0,
    255); color: black;
}

table tr:nth-child(-n+4) { background: linear-gradient(20deg, rgb(255, 166,
    0), rgb(249, 208, 133)); color: black;
}

table tr:nth-child(n+6):nth-child(-n+7) { background: linear-gradient(20deg,
    rgb(42, 16, 241), rgb(148, 134, 250)); color: black;
} table tr:nth-child(n+5) { background: linear-gradient(20deg,
white, rgb(246, 206, 206)); color: black;
} table tr:nth-last-child(-n+3) { background: linear-gradient(20deg, rgb(9,
235, 50), rgb(140, 245, 131)); color: black;
}
.salaryColumn { display:
    none;
}
#toggleButton { margin-top: 20px; padding:
    10px  20px; background-color:  #e74c3c;
    color:  white;  border:  none;  border-
    radius:    4px;    cursor:    pointer;
    transition: background-color 0.3s ease;
}
#toggleButton:hover { background-color:
    #c0392b;
}
#totalSalaryButton:hover { background-color:
    #219451;
```

```html
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Employee Salary Details</h1>
        <table>
            <tr>
                <th>Serial No</th>
                <th>Employee ID</th>
                <th>Employee Name</th>
                <th>Post</th>
                <th class="salaryColumn">Salary</th>
            </tr>
            <tr>
                <td>1</td>
                <td>E1001</td>
                <td>Aman prasad</td>
                <td>Web Developer</td>
                <td class="salaryColumn">$50,000</td>
            </tr>
            <tr>
                <td>2</td>
                <td>E1002</td>
                <td>Md shoheb ali</td>
                <td>Software Associate Engineer</td>
                <td class="salaryColumn">$60,000</td>
            </tr>
            <tr>
                <td>3</td>
                <td>E1003</td>
                <td>Amit srivastav</td>
                <td>Front-End Developer</td>
                <td
        class="salaryColumn">$55,000</td>
            </tr>
        </table>
        <div style="display: flex; justify-content: space-between; align-items:
        center; margin-
bottom: 10px;">
            <button id="toggleButton">Show/Hide Salary</button>
            <button id="totalSalaryButton">Calculate Total Salary</button>
        </div>
        <div id="totalSalary" style="display: none; text-align: center; margin-top:
        20px;">
            <strong>Total Salary: </strong><span id="totalSalaryAmount">$0</span>
        </div>
    </div>
    <script>              const              salaryColumns              =
        document.querySelectorAll(".salaryColumn");              const
        toggleButton = document.getElementById("toggleButton"); const
        totalSalaryButton                                              =
        document.getElementById("totalSalaryButton");              const
        totalSalaryDisplay = document.getElementById("totalSalary");
```

```
            column.style.display = (column.style.display === "none") ? "table-cell" :
"none";
            }); const anySalaryVisible =
            Array.from(salaryColumns).some(column =>
column.style.display !== "none"); totalSalaryButton.style.display = anySalaryVisible ?
            "inline-block" : "none"; totalSalaryDisplay.style.display = "none";
        }); totalSalaryButton.addEventListener("click", () => { let totalSalary = 0; for (let
        i = 1; i < salaryColumns.length; i++) { const column = salaryColumns[i]; if
        (column.style.display    !==    "none")    {    const    salaryValue    =
        parseFloat(column.textContent.replace(/[^0-9. -]+/g,
"")); totalSalary += salaryValue; } } totalSalaryAmountDisplay.textContent =
        "$"  +  totalSalary.toFixed(2);  totalSalaryDisplay.style.display  =
        "block"; });
    </script>
</body>
</html>
```

Code: alok7.js

```javascript
const http =require('http') const fs =
require('fs') const fileContent =
fs.readFileSync('neew.html')

const server = http.createServer((req,res)=>{
    res.writeHead(200,{'Content-type':'text/html'})
    res.end(fileContent)
})
server.listen(80,'127.0.0.1',()=>{
console.log("server")
})
```

OUTPUT:-

Employee Salary Details

Serial No	Employee ID	Employee Name	Post
1	E1001	Aman prasad	Web Developer
2	E1002	Md shoheb ali	Software Associate Engineer
3	E1003	Amit srivastav	Front-End Developer

Show/Hide Salary

Employee Salary Details

Serial No	Employee ID	Employee Name	Post	Salary
1	E1001	Aman prasad	Web Developer	$50,000
2	E1002	Md shoheb ali	Software Associate Engineer	$60,000
3	E1003	Amit srivastav	Front-End Developer	$55,000

Show/Hide Salary   Calculate Total Salary

Total Salary: $165000.00

Learning outcomes (What I have learnt):

1. Able to understand and explain HTML, Bootstrap, CSS and JavaScript.
2. Able to understand and explain the use Node Js.
3. Able to understand and explain the concept of module, http, require, fs, read, writeHead, write etc.