

Back End Technologies

Subject Code: 22CAH-706

Experiment 1.2

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Branch: MCA

Section/Group: 1-A

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Task: Create an employee salary program using Node.js.

Solution:

Note: Coding with express Library

Index.js

```
const express = require('express')
const app = express()
const path = require('path')
const port = 5000;

app.use(express.urlencoded({ extended: true }));

app.get('/', (req, res) => {
  res.sendFile(path.join(__dirname, 'index.html'));
});

app.post('/', (req, res) => {

  const {hourly, average, daily} = req.body

  res.send(`<h1>The total Monthly Income is ${hourly*average*daily} $</h1>`);

});

app.listen(port, () => {
  console.log(`<h1>Server started on the port ${port} Rupee</h1>`);
})
```

Html Page: index.html

Note: Html page to retrieve user input

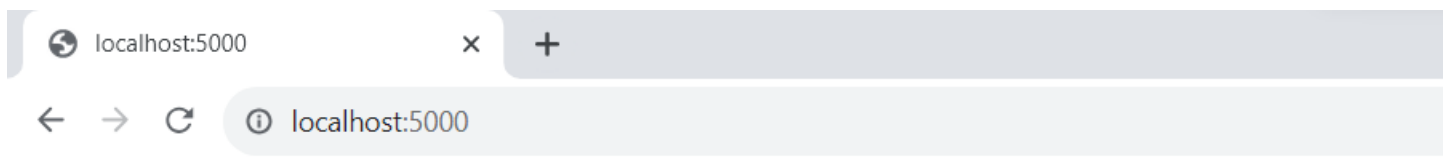
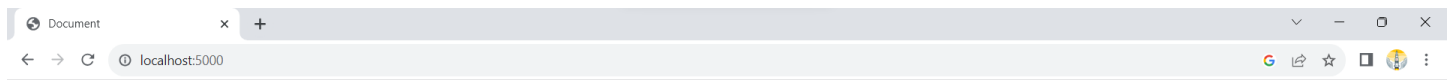
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
4bw+/aepP/YC94hEpVNVgiZdgIC5+VKNBQNGCHeKRN+PtmoHDEXuppvnDJzQIu9" crossorigin="anonymous">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-HwwvtgBNo3bZJJLYd8oVXjrBZt8cqvSpEBS5n7C8IVInixGAoxmnlMuBnhbgrkm"
crossorigin="anonymous"></script>
</head>
<body>

  <div class="container mt-5">
    <div class="card" style="width: 50vh; padding: 40px; background-color: #3299c5;
color: aliceblue; margin-left: 400px">
      <h1 class="head">Employee Salary for month</h1>
      <form action="/" method="post">
        <div class="form-group mt-4">
          <label for="name"></label>
          <input type="text" class="form-control number" id="hourlywage" name="hourly"
placeholder="Hourly wage">
        </div>
        <div class="form-group">
          <label for="average"></label>
          <input type="text" class="form-control" id="averagedaily" name="average"
placeholder="Average daily working hours">
        </div>
        <div class="daily">
          <label for="exampleInputPassword1"></label>
          <input type="text" class="form-control" id="dayworkmonth" name="daily"
placeholder="Days worked in a month">
        </div>

        <button type="submit" class="btn btn-dark mt-3">Submit</button>
      </form>
    </div>
  </div>
</body>
</html>
```

Output

>node index.js



The total Monthly Income is 84000 \$