

Lab Task 16/08/21

AIM:

Create Profile page with proper validation and form-control for following information using NodeJs and Bootstrap only.

1. First Name and Last name
2. Email-id
3. Mobile Number
4. Date of Birth
5. Gender
6. Address
7. Select Institute
8. Select Department
9. Select Semester

Display all information in HTML Table.

ANS:

Index.js

```
const express = require('express');
const app = express()

app.set('view engine', 'ejs');

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

app.get('/', (req, res) => {
  res.render('index');
})

app.post('/', (req, res) => {
  console.log(req.body);
  res.redirect('table');
})

app.post('/table', (req, res) => {
  res.render('table', {
    firstname: req.body.fname,
    lastname: req.body.lname,
    elecmail: req.body.email,
    num: req.body.number,
    birthday: req.body.bd,
    gend: req.body.gender,
    add: req.body.address,
    ins: req.body.institute,
```

```
    depart: req.body.dept
  })
})

app.listen(3000, () => {
  console.log("Server started on 3000");
})
```

index.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Document</title>
</head>
<body>
  <center><h1>Welcome to form</h1></center>
  <form action="/table" method="post">
    First name:
    <input type="text" name="fname" required maxlength="10"><br>
    <br> Last name:

    <input type="text" name="lname" required maxlength="10"><br>

    <br> Email:
    <input type="email" id="email" name="email" required maxlength="30
" pattern="^[^@]*@[^@]*"><br>

    <br> Mobile number:
    <input type="number" id="number" name="number" required maxlength=
"10"><br>

    <br>
    <label for="birthday">Birthday:</label>
    <input type="date" id="birthday" name="bd" required><br>

    <br> Gender:
    <br>
    <input type="radio" name="gender" id="male" value="male">
    <label for="male">Male</label><br>
    <input type="radio" name="gender" id="female" value="female">
```

```
<label for="female">Female</label><br>

<br> Address :
<input type="text" name="address" required maxlength="50"><br><br>

<!--
- <textarea name="comment" form="usrform"></textarea><br><br> -->

<label for="inst">Select Institue: </label>
<select name="institute" id="selins" required>
<option value="CSPIT">CSPIT</option>
<option value="DEPSTAR">DEPSTAR</option>
<option value="IIIM">IIIM</option>
<option value="RPCP">RPCP</option>
</select>
<br>

<br>
<label for="dept">Select Department: </label>
<select name="dept" id="seldept" required>
<option value="CE">CE</option>
<option value="CSE">CSE</option>
<option value="EE">EE</option>
<option value="ME">ME</option>
<option value="EC">EC</option>
</select>
<br>

<br>
<label for="sem">Select Semester: </label>
<select id="selsem" required>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
</select>
<br>

<br>
<input type="submit">
<br>
</form>
```

```
</body>  
</html>
```

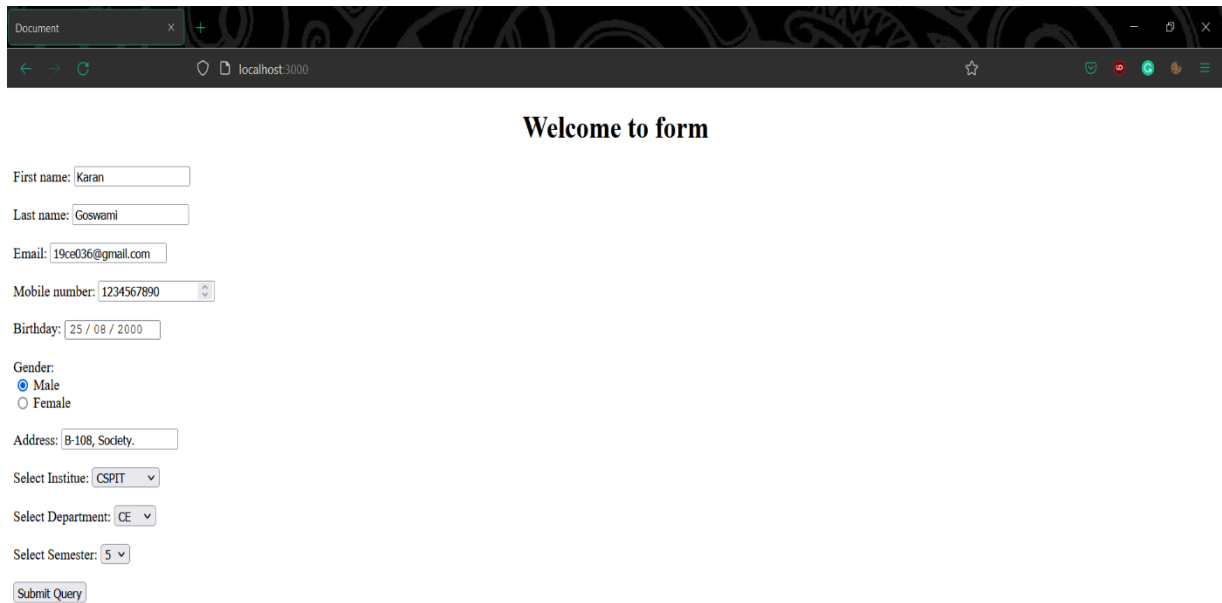
table.ejs

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta http-equiv="X-UA-Compatible" content="IE=edge">  
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0">  
  <title>Table</title>  
</head>  
<style>  
  table, th, td {  
    border: 1px solid black;  
  }  
</style>  
<body>  
  <table class="table">  
    <thead>  
      <tr>  
        <th scope="col">Firstname</th>  
        <th scope="col">Lastname</th>  
        <th scope="col">Email</th>  
        <th scope="col">Number</th>  
        <th scope="col">Birthday</th>  
        <th scope="col">Gender</th>  
        <th scope="col">Address</th>  
        <th scope="col">Institute</th>  
        <th scope="col">Department</th>  
      </tr>  
    </thead>  
    <tbody>  
      <tr>  
        <td><%= firstname %></td>  
        <td><%= lastname %></td>  
        <td><%= elecmail %></td>  
        <td><%= num %></td>  
        <td><%= birthday %></td>  
        <td><%= gend %></td>  
        <td><%= add %></td>  
        <td><%= ins %></td>  
        <td><%= depart %></td>  
      </tr>
```

```
</tbody>
</table>
</body>
</html>
```

OUTPUT:

Localhost:3000



Document x + - x

localhost:3000

Welcome to form

First name:

Last name:

Email:

Mobile number:

Birthday:

Gender:

☒ Male

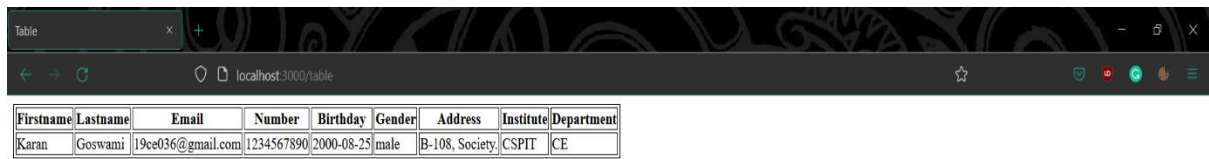
☐ Female

Address:

Select Institute:

Select Department:

Select Semester:

localhost:3000/table

Firstname	Lastname	Email	Number	Birthday	Gender	Address	Institute	Department
Karan	Goswami	19ce036@gmail.com	1234567890	2000-08-25	male	B-108, Society,	CSPIT	CE