Lab Task

<u>AIM:</u> 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.

Code:

Index.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Form</title>
   <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/b</pre>
ootstrap.min.css" integrity="sha384-
BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymo
us">
    <link rel="stylesheet" type="text/css" href="styles.css">
<center><h1 style="border: 2px solid;align-content: center;background:aliceblue;text-
decoration-color: black;">Fill the below form</h1></center>
<form action="/table" method="post">
   <div class="form-group row">
        <label for="inputfName" class="col-sm-2 col-form-label" >First Name</label>
        <div class="col-sm-10">
          <input type="text" name="fname" class="form-</pre>
control" id="inputfName" placeholder="fullname" required maxlength="15">
        </div>
    <div class="form-group row">
        <label for="inputlName" class="col-sm-2 col-form-label" >Last Name</label>
        <div class="col-sm-10">
          <input type="text" name="lname" class="form-</pre>
control" id="input Name" placeholder="lastname" required maxlength="15">
        </div>
   <div class="form-group row">
      <label for="inputEmail" class="col-sm-2 col-form-label" >Email</label>
      <div class="col-sm-10">
        <input type="email" name="email" class="form-</pre>
control" id="inputEmail" placeholder="Email" required maxlength="30
        " pattern="[^ @]*@[^ @]*" >
      </div>
    </div>
    <div class="form-group row">
```

```
<label for="inputMobile3" class="col-sm-2 col-form-label">Mobile no</label>
        <div class="col-sm-10">
          <input type="number" name="number" class="form-</pre>
control" id="inputMobile3" placeholder="Mobile" required minlength ="10" maxlength=
        </div>
      <div class="form-group row">
        <label for="inputPassword3" class="col-sm-2 col-form-</pre>
label">Date of Birth</label>
        <div class="col-sm-10">
          <input type="date" name="dob" class="form-</pre>
control" id="inputPassword3" placeholder="dob" required>
        </div>
      </div>
    <fieldset class="form-group">
      <div class="row">
        <legend class="col-form-label col-sm-2 " name="gender">Gender</legend>
        <div class="col-sm-10">
          <div class="form-check">
            <input class="form-check-</pre>
input" type="radio" name="gender" id="gridRadios1" value="Male" checked>
            <label class="form-check-label" for="gridRadios1">
              Male
            </label>
          </div>
          <div class="form-check">
            <input class="form-check-</pre>
input" type="radio" name="gender" id="gridRadios2" value="Female">
            <label class="form-check-label" for="gridRadios2">
              Female
            </label>
          </div>
          <div class="form-check ">
            <input class="form-check-</pre>
input" type="radio" name="gender" id="gridRadios3" value="Other" >
            <label class="form-check-label" for="gridRadios3">
             0ther
            </label>
        </div>
    </fieldset>
    <div class="form-group row">
        <label for="inputPassword3" class="col-sm-2 col-form-label">Address</label>
        <div class="col-sm-10">
          <input type="text" name="address" class="form-</pre>
control" id="inputPassword3" placeholder="Address" required maxlength="50">
        </div>
      </div>
        <div class="col-auto my-1">
          <label class="mr-sm-</pre>
 " for="inlineFormCustomSelect" >Select Institute</label>
```

```
<select class="custom-select mr-sm-</pre>
2" id="inlineFormCustomSelect" name="institute" required>
            <option value="CSPIT">CSPIT</option>
            <option value="DEPSTAR">DEPSTAR</option>
          </select>
        </div>
            <div class="col-auto my-1">
              <label class="mr-sm-</pre>
2" for="inlineFormCustomSelect" >Select Department</label>
              <select class="custom-select mr-sm-</pre>
2" id="inlineFormCustomSelect" name="dept" required>
                <option value="CE">CE</option>
                <option value="EC">EC</option>
                <option value="ME">ME</option>
                <option value="CL">CL</option>
                <option value="IT">IT</option>
              </select>
            </div>
            <div class="col-auto my-1">
                <label class="mr-sm-
2" for="inlineFormCustomSelect" >Select Semester</label>
                <select class="custom-select mr-sm-</pre>
2" id="inlineFormCustomSelect" name="semester" 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>
              </div>
    <div class="form-group row">
     <div class="col-sm-10">
        <button type="submit" class="btn btn-primary">Submit
      </div>
    </div>
  </form>
```

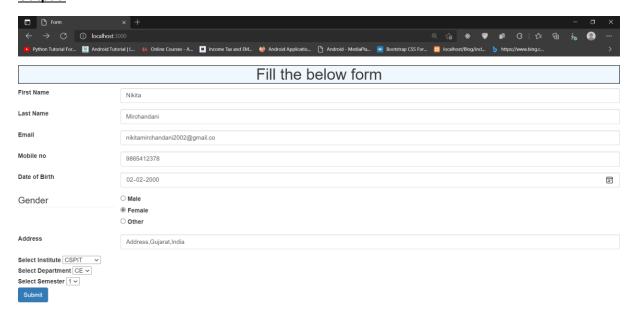
Index.js

```
var express = require("express")
const app=express()
app.set('view engine', 'ejs');
app.use(express.urlencoded({extended:false}));
app.use(express.static('public'))
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.dob,
  gend: req.body.gender,
  add: req.body.address,
  ins: req.body.institute,
  depart: req.body.dept,
  semester:req.body.semester
 })
 })
app.get("/",(req,res)=>{
    res.render('index');
}).listen(3000);
app.post('/', (req, res) => {
    console.log(req.body);
    res.redirect('table');
   })
console.log("Listening on PORT 3000");
```

table.ejs

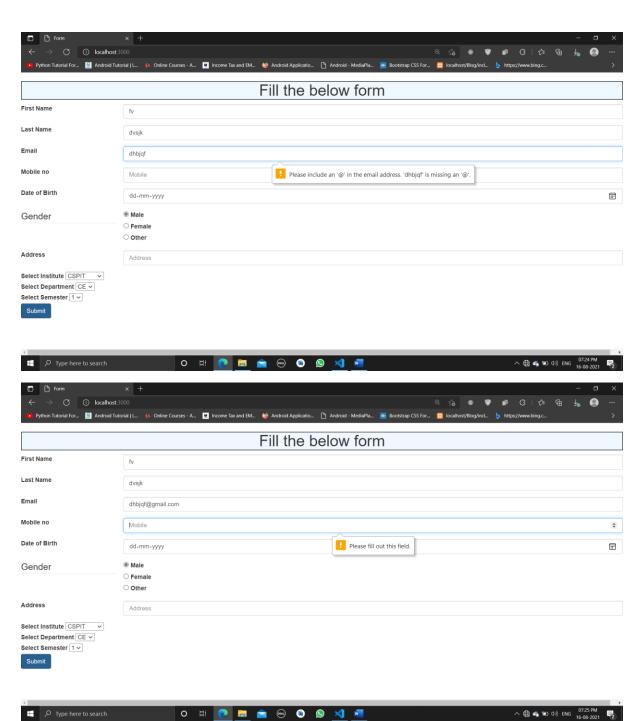
```
<!DOCTYPE html>
<html lang="en">
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial scale=1.0">
<title>Table</title>
</head>
<style>
table, th, td {
border: 1px solid black;
</style>
Firstname
Lastname
Email
Number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

Output:









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