

## ASSIGNMENT

- Saikumar Brungi

**Q1. Create a webpage with Registration Form to accept the following details from user.**

**Firstname**

**Lastname**

**Mobile number**

**Email Id**

**Qualification (Drop down list) (BE, BTech, BSc, BCA)**

**Year of Completion Drop down List (2023, 2022, 2021, 2020)**

**Technical Skills Drop down List (Web designing, Core Java, Mysql)**

**(Spring, spring Boot with REST API)**

**(core Java)**

**(javascript)**

**Interested in Relocation (yes/No)**

**submit reset**

**read and submit the data need to be stored in javascript object and in the same page display using table.**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Registration Form</title>
<style>
  body {
    font-family: Arial, sans-serif;
    background-color: #ffffff;
    margin: 0;
    padding: 0;
  }
```

```
h1 {
  text-align: center;
  padding: 20px 0;
}

form {
  background-color: #8abef6;
  padding: 20px;
  border-radius: 5px;
  box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
  max-width: 600px;
  margin: 0 auto;
  border: 2px solid rgba(0, 0, 0, 0.1);
}

label {
  font-weight: bold;
}

input[type="text"],
input[type="tel"],
input[type="email"],
select,
input[type="radio"] {
  width: 100%;
  padding: 10px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 3px;
}

select[multiple] {
  height: auto;
}

input[type="submit"],
input[type="reset"] {
  background-color: #007bff;
  color: #ffffff;
  border: none;
  padding: 10px 20px;
  cursor: pointer;
}

input[type="submit"]:hover,
input[type="reset"]:hover {
  background-color: #0056b3;
}
```

```

table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
    border-style: double;
    border-width: 3px;
}

th, td {
    border: 3px solid #090808;
    padding: 8px;
    text-align: center;
}

th {
    background-color: #5768c8;
}

tr:nth-child(even) {
    background-color: #9ec8f7;
}
</style>
</head>
<body>
<h1>Registration Form</h1>
<form id="registrationForm">
    <label for="firstname">First Name:</label>
    <input type="text" id="firstname" name="firstname" required><br>

    <label for="lastname">Last Name:</label>
    <input type="text" id="lastname" name="lastname" required><br>

    <label for="mobile">Mobile Number:</label>
    <input type="tel" id="mobile" name="mobile" required><br>

    <label for="email">Email Id:</label>
    <input type="email" id="email" name="email" required><br>

    <label for="qualification">Qualification:</label>
    <select id="qualification" name="qualification">

        <option value="BTech">BTech</option>
        <option value="BE">BE</option>
        <option value="BSc">BSc</option>
        <option value="BCA">BCA</option>
    </select><br>

```

```

<label for="year">Year of Completion:</label>
<select id="year" name="year">
  <option value="2023">2023</option>
  <option value="2022">2022</option>
  <option value="2021">2021</option>
  <option value="2020">2020</option>
</select><br>

<label for="skills">Technical Skills:</label>
<select id="skills" name="skills">
  <option value="Web designing">Web designing</option>
  <option value="Core Java">Core Java</option>
  <option value="Mysql">Mysql</option>
  <option value="Spring">Spring</option>
  <option value="Spring Boot with REST API">Spring Boot with REST
API</option>
  <option value="JavaScript">JavaScript</option>
</select><br>

<label for="relocation">Interested in Relocation:</label>
<input type="radio" id="relocationYes" name="relocation" value="Yes"
required>
<label for="relocationYes">Yes</label>
<input type="radio" id="relocationNo" name="relocation" value="No"
required>
<label for="relocationNo">No</label><br>

<input type="submit" value="Submit">
<input type="reset" value="Reset">
</form>

<table id="dataTable">
  <tr>
    <th>First Name</th>
    <th>Last Name</th>
    <th>Mobile Number</th>
    <th>Email Id</th>
    <th>Qualification</th>
    <th>Year of Completion</th>
    <th>Technical Skills</th>
    <th>Interested in Relocation</th>
  </tr>
</table>

<script>
  const registrationForm = document.getElementById("registrationForm");
  const dataTable = document.getElementById("dataTable");

```

```
registrationForm.addEventListener("submit", function(event) {
    event.preventDefault();

    const formData = new FormData(registrationForm);
    const dataObject = {};
    formData.forEach((value, key) => {
        if (key === "skills") {
            dataObject[key] = Array.from(formData.getAll(key));
        } else {
            dataObject[key] = value;
        }
    });

    const newRow = dataTable.insertRow();
    for (const key in dataObject) {
        const cell = newRow.insertCell();
        cell.textContent = dataObject[key];
    }

    registrationForm.reset();
});
</script>
</body>
</html>
```

**OUTPUT:**

Registration Form

First Name:  
Brungi

Last Name:  
Saikumar

Mobile Number:  
9515222874

Email Id:  
saikumarbrungi2410@gmail.com

Qualification:  
BSc

Year of Completion:  
2021

Technical Skills:  
Web designing  
Core Java  
Mysql  
Spring  
Spring Boot with REST API

Interested in Relocation:  
☒ Yes  
☐ No

Submit Reset

Registration Form

First Name:  
Brungi

Last Name:  
Saikumar

Mobile Number:  
9515222874

Email Id:  
saikumarbrungi2410@gmail.com

Qualification:  
BSc

Year of Completion:  
2021

Technical Skills:  
Web designing  
Core Java  
Mysql  
Spring  
Spring Boot with REST API

Interested in Relocation:  
☒ Yes  
☐ No

Submit Reset

First Name	Last Name	Mobile Number	Email Id	Qualification	Year of Completion	Technical Skills	Interested in Relocation
Brungi	Saikumar	9515222874	saikumarbrungi2410@gmail.com	BSc	2021	Web designing	Yes

**Q2. Create a webpage using table with Css to write the advantages of Spring boot with explanations.**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Advantages of Spring Boot</title>
<style>
  body {
    font-family: Arial, sans-serif;
```

```

        background-color: beige;
        margin: 0;
        padding: 0;
    }

    h1 {
        text-align: center;
        padding: 20px 0;
    }

    table {
        width: 80%;
        margin: 20px auto;
        border-collapse: collapse;
        border: double;
        border: 3px solid #100f0f;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }

    th, td {
        padding: 10px;
        text-align: left;
    }

    th {
        background-color: #2e27f8;
    }

    tr:nth-child(even) {
        background-color: #93b8e7;
    }
</style>
</head>
<body>
<h1>Advantages of Spring Boot</h1>
<table>
    <tr>
        <th>Advantage</th>
        <th>Explanation</th>
    </tr>
    <tr>
        <td>1. Rapid Development</td>
        <td>Spring Boot simplifies and accelerates application development by providing default configurations and eliminating boilerplate code.</td>
    </tr>
    <tr>
        <td>2. Microservices</td>

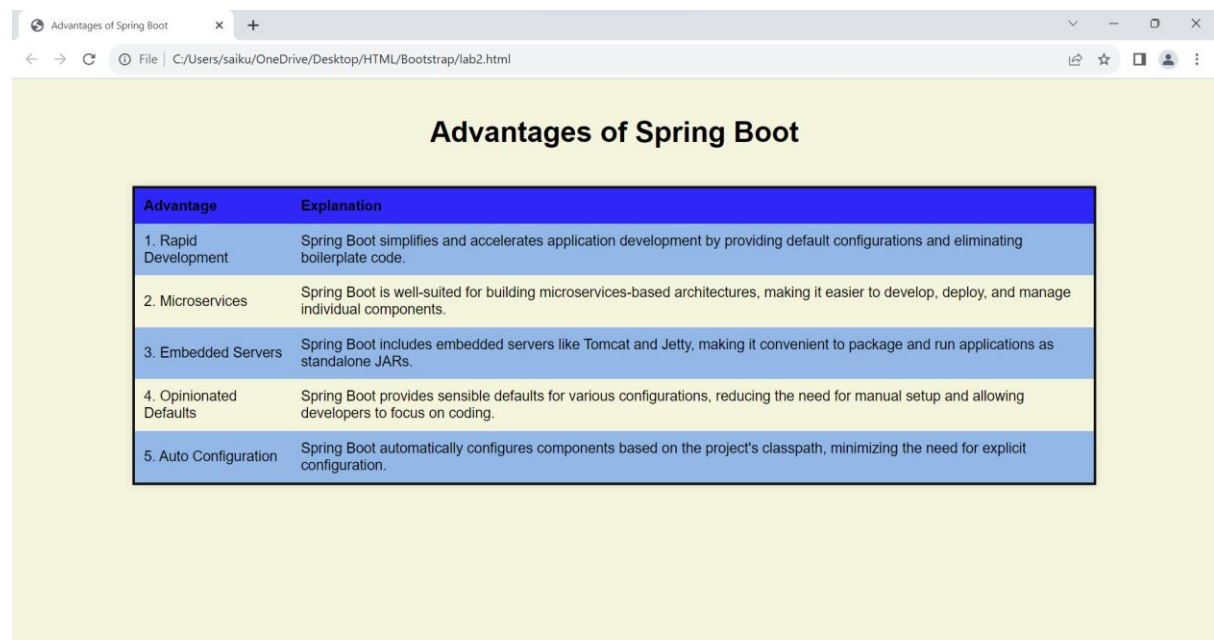
```

```

        <td>Spring Boot is well-suited for building microservices-based
architectures, making it easier to develop, deploy, and manage individual
components.</td>
    </tr>
    <tr>
        <td>3. Embedded Servers</td>
        <td>Spring Boot includes embedded servers like Tomcat and Jetty,
making it convenient to package and run applications as standalone JARs.</td>
    </tr>
    <tr>
        <td>4. Opinionated Defaults</td>
        <td>Spring Boot provides sensible defaults for various configurations,
reducing the need for manual setup and allowing developers to focus on
coding.</td>
    </tr>
    <tr>
        <td>5. Auto Configuration</td>
        <td>Spring Boot automatically configures components based on the
project's classpath, minimizing the need for explicit configuration.</td>
    </tr>
</table>
</body>
</html>

```

## Output:



Advantage	Explanation
1. Rapid Development	Spring Boot simplifies and accelerates application development by providing default configurations and eliminating boilerplate code.
2. Microservices	Spring Boot is well-suited for building microservices-based architectures, making it easier to develop, deploy, and manage individual components.
3. Embedded Servers	Spring Boot includes embedded servers like Tomcat and Jetty, making it convenient to package and run applications as standalone JARs.
4. Opinionated Defaults	Spring Boot provides sensible defaults for various configurations, reducing the need for manual setup and allowing developers to focus on coding.
5. Auto Configuration	Spring Boot automatically configures components based on the project's classpath, minimizing the need for explicit configuration.