NAGESH V

LAB 10 WEB DEVELOPMENT

1.Create a webpage with Registration Form to accept

the follwing 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) Technicall Skills Drop down List (Web designing,

Core Java, Mysql)

(Spring, spring Boot with REST

API) (core Java)

(javascript)

Intersted 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;
```

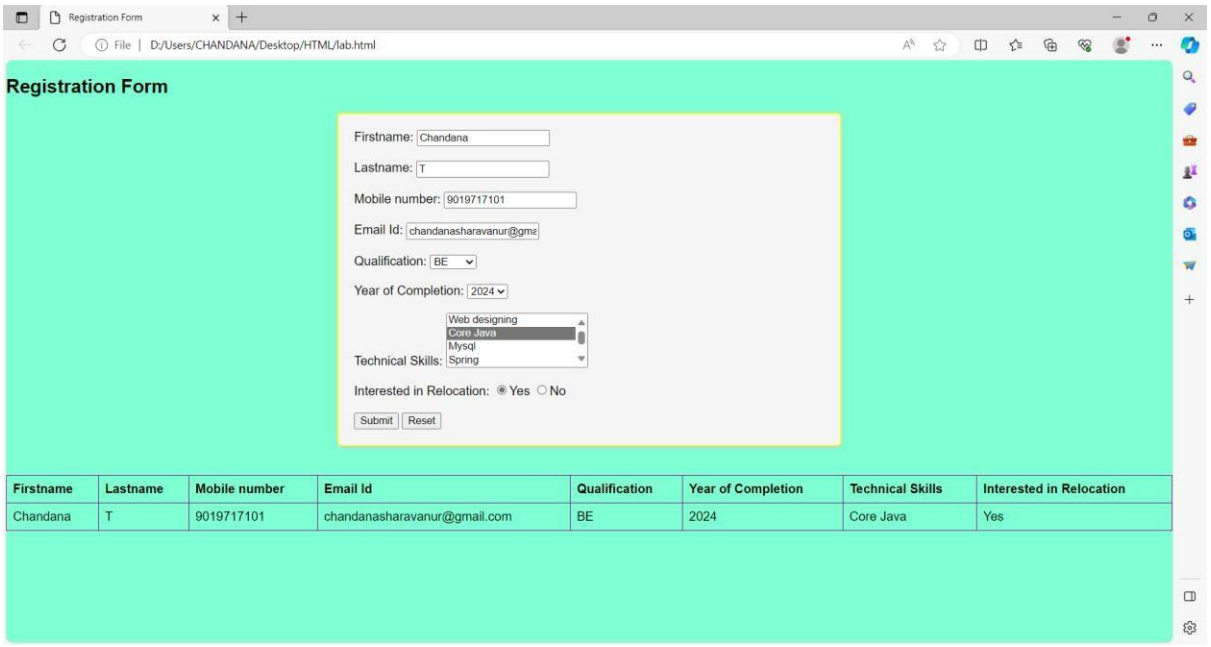
```
background-color:aquamarine; margin:
0;
padding: 0;
}
h1 {
```

```
text-align: center; padding:
20px 0;
}
form { background-color:whitesmoke; padding:
20px;
border-radius: 5px;
box-shadow: 0 2px 5px lightblue;
max-width: 600px;
margin: 0 auto;
border: 2px solid yellow; } table {
border-collapse: collapse;
width: 100%;
}
th, td {
border: 1px solid purple;
padding: 8px;
text-align: left;
}
</style>
</head>
<body>
<h2>Registration Form</h2>
<form id="registrationForm">
<label for="firstname">Firstname:</label>
<input type="text" id="firstname" name="firstname" required><br><br>
<label for="lastname">Lastname:</label>
<input type="text" id="lastname" name="lastname" required><br><br>
<label for="mobile">Mobile number:</label>
<input type="text" id="mobile" name="mobile" required><br><br>
<label for="email">Email Id:</label>
<input type="email" id="email" name="email" required><br><br>
<label for="qualification">Qualification:</label>
<select id="qualification" name="qualification">
<option value="BE">BE</option>
<option value="MSc">MSc</option>
<option value="BTech">BTech</option>
<option value="BSc">BSc</option>
<option value="BCA">BCA</option>
</select><br><br>
<label for="year">Year of Completion:</label>
<select id="year" name="year">
<option value="2024">2024</option>
<option value="2023">2023</option>
<option value="2022">2022</option>
<option value="2021">2021</option>
</select><br><br>
<label for="skills">Technical Skills:</label>
```

```
<select id="skills" name="skills" multiple>
<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><br>
<label for="relocation">Interested in Relocation:</label>
<input type="radio" id="relocationYes" name="relocation" value="Yes">Yes
<input type="radio" id="relocationNo" name="relocation"
value="No">No<br><br>
<input type="button" value="Submit" onclick="submitForm()">
<input type="reset" value="Reset">
</form>
<br><br>
<table id="displayTable">
<thead>
<tr>
<th>Firstname</th>
<th>Lastname</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>
</thead>
<tbody id="tableBody">
</tbody>
</table>
<script>
function submitForm() {
const firstname = document.getElementById("firstname").value; const
lastname = document.getElementById("lastname").value; const
mobile = document.getElementById("mobile").value; const email =
document.getElementById("email").value;
const qualification = document.getElementById("qualification").value; const year
= document.getElementById("year").value;
const skills = Array.from(document.getElementById("skills").selectedOptions).map(option=>
option.value);
const relocation = document.querySelector('input[name="relocation"]:checked').value; const
newRow = document.getElementById("tableBody").insertRow(); newRow.insertCell().textContent
= firstname;
newRow.insertCell().textContent = lastname;
```

```
newRow.insertCell().textContent = mobile;
newRow.insertCell().textContent = email;
newRow.insertCell().textContent = qualification;
newRow.insertCell().textContent = year;
newRow.insertCell().textContent = skills.join(', ');
newRow.insertCell().textContent = relocation;
}
</script>
</body>
</html
```

Output:



2. Create a webpage using table with CSS to write the advantages of Spring both 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:
paleturquoise; 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
lightblue; box-shadow: 0 0
10px red;
}
th, td {
padding: 10px;
text-align:
left;
}
th {
background-color: darkgrey;
}
tr:nth-child(even) {
background-color:
lightcoral;
}
</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: