

## HTML CODE:

```
<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <meta http-equiv="X-UA-Compatible" content="ie=edge" />

  <link rel="stylesheet" href="index.css" />

  <title>Registration Form</title></head>

  <body style="background-image: url('image1.jpg'); background-position: center;
background-repeat: no-repeat;background-size: cover;">

    <div class="alert"></div>

    <form id="reg-form" style="background-color:rgb(242, 199, 220);">

      <h1>Registration Form</h1>

      <label for="full-name">Full Name</label>

      <input type="text" name="full-name" id="full-name" />

      <label for="email">Email</label>

      <input type="email" name="email" id="email" />

      <label for="phone">Phone Number</label>

      <input type="tel" name="phone" id="phone" maxlength="11" />

      <label for="dob">Date Of Birth</label>

      <input type="date" name="dob" id="dob" />

      <label for="description">Description</label>

      <textarea name="description" id="description" placeholder="Description ..."></textarea>

      <button type="submit" id="submit">SUBMIT</button>

      <button type="submit" id="save">SAVE</button>

    </form>

  </body>

  <script src="index.js"></script>

</html>
```

## CSS CODE:

```
@import url("https://fonts.googleapis.com/css?family=Nunito");

*,
*:before,
*:after {
  box-sizing: border-box;
}

body {
  background-color: whitesmoke;
  font-family: "Nunito", sans-serif;
}

h1{
  font-size: 200%;
  display: table;
  text-align: center;
  margin-left: 25%;
}

h3,
label {
  text-transform: uppercase;
}

.alert {
  width: 80vw;
  margin: 2rem auto;
  background-color: #d4edda;
  color: #155724;
  padding: 0.75rem 1.25rem;
  border-radius: 0.25rem;
  display: none;
```

```
}  
  
#reg-form {  
  position: relative;  
  width: auto;  
  margin: 3rem auto;  
  background-color: white;  
  padding: 1rem 2rem;  
  border-radius: 3px;  
}  
  
label {  
  margin: 1rem 0 0;  
  display: block;  
}  
  
input {  
  font-size: 0.975em;  
  width: 100%;  
  height: 40px;  
  padding: 0px 15px 0px 15px;  
  background: whitesmoke;  
  outline: none;  
  color: #000;  
  border: none;  
  border-radius: 3px;  
}  
  
input:hover {  
  background: whitesmoke;  
  color: black;  
}
```

```
button[type="submit"] {
  background-color: #772626;
  width: calc((100% / 2) - 3px);
  display: inline-block;
  color: white;
  font-weight: 600;
  height: 2.8rem;
  border: none;
  font-family: Nunito;
  font-size: 1rem;
  cursor: pointer;
  outline: none;
}

#save {
  background-color: #4f3434;
}

select {
  width: 100%;
  height: 40px;
  background: whitesmoke;
  border: none;
  padding: 0 0 0 0.5rem;
  outline: none;
}

select:focus,
input:focus,
textarea:focus {
  outline: #349bab solid 1px;
}
```

```
textarea {
  width: 100%;
  max-width: 100%;
  height: 110px;
  max-height: 110px;
  padding: 15px;
  margin: 0 0 1rem 0;
  background: whitesmoke;
  outline: none;
  color: black;
  font-size: 0.975em;
  border: none;
}

/* =====MEDIA QUERIES===== */

@media screen and (min-width: 768px) {
  #reg-form,
  .alert {
    width: 60vw;
  }
}

@media screen and (min-width: 992px) {
  #reg-form,
  .alert {
    width: 40vw;
  }
}
```

## JAVASCRIPT:

```
const formId = "reg-form";

const url = location.href;

const formIdentifier = `${url} ${formId}`;

const saveButton = document.querySelector("#save");

const alertBox = document.querySelector(".alert");

let form = document.querySelector(`#${formId}`);

let formElements = form.elements;

/**
 * This function gets the values in the form
 * and returns them as an object with the
 * [formIdentifier] as the object key
 * @returns {Object}
 */

const getFormData = () => {

  let data = { [formIdentifier]: {} };

  for (const element of formElements) {

    if (element.name.length > 0) {

      data[formIdentifier][element.name] = element.value;

    }

  }

  return data;

};

saveButton.onclick = event => {

  event.preventDefault();

  data = getFormData();

  localStorage.setItem(formIdentifier, JSON.stringify(data[formIdentifier]));

  const message = "Form draft has been saved!";

  displayAlert(message);

};
```

```

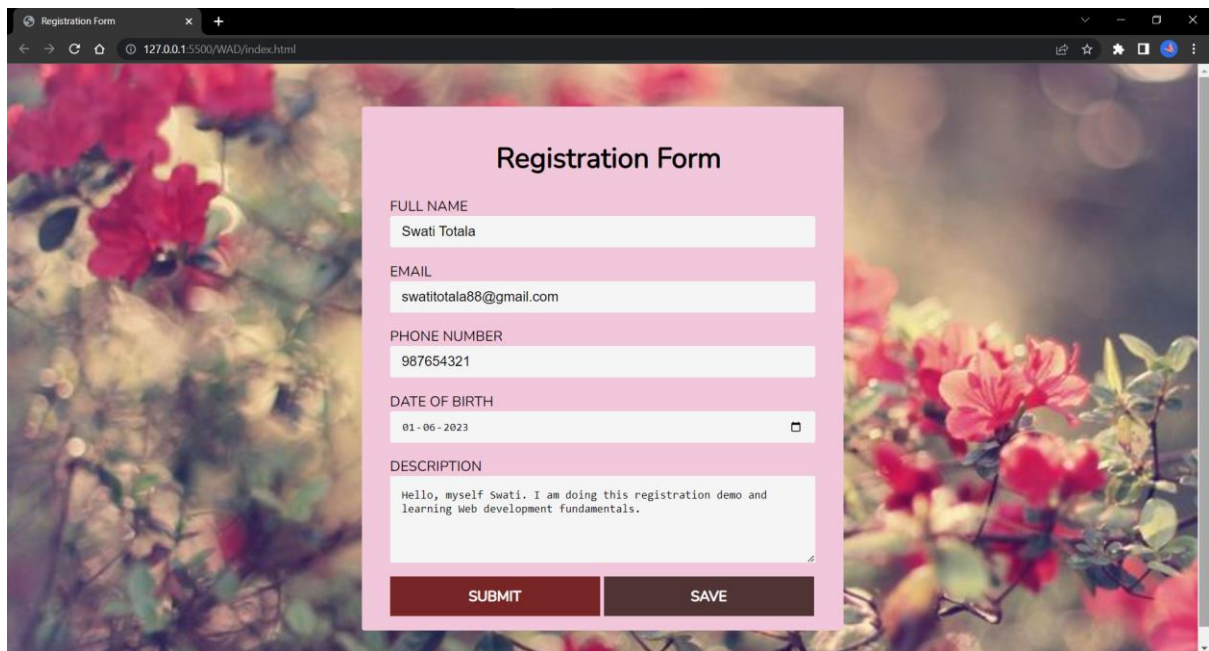
/**
 * This function displays a message
 * on the page for 1 second
 *
 * @param {String} message
 */
const displayAlert = message => {
  alertBox.innerText = message;
  alertBox.style.display = "block";
  setTimeout(function() {
    alertBox.style.display = "none";
  }, 1000);
};

const populateForm = () => {
  if (localStorage.key(formIdentifier)) {
    const savedData = JSON.parse(localStorage.getItem(formIdentifier));
    for (const element of formElements) {
      if (element.name in savedData) {
        element.value = savedData[element.name];
      }
    }
    const message = "Form has been refilled with saved data!";
    displayAlert(message);
  }
};

document.onload = populateForm();

```

# OUTPUTS:



Registration Form

FULL NAME  
Swati Totala

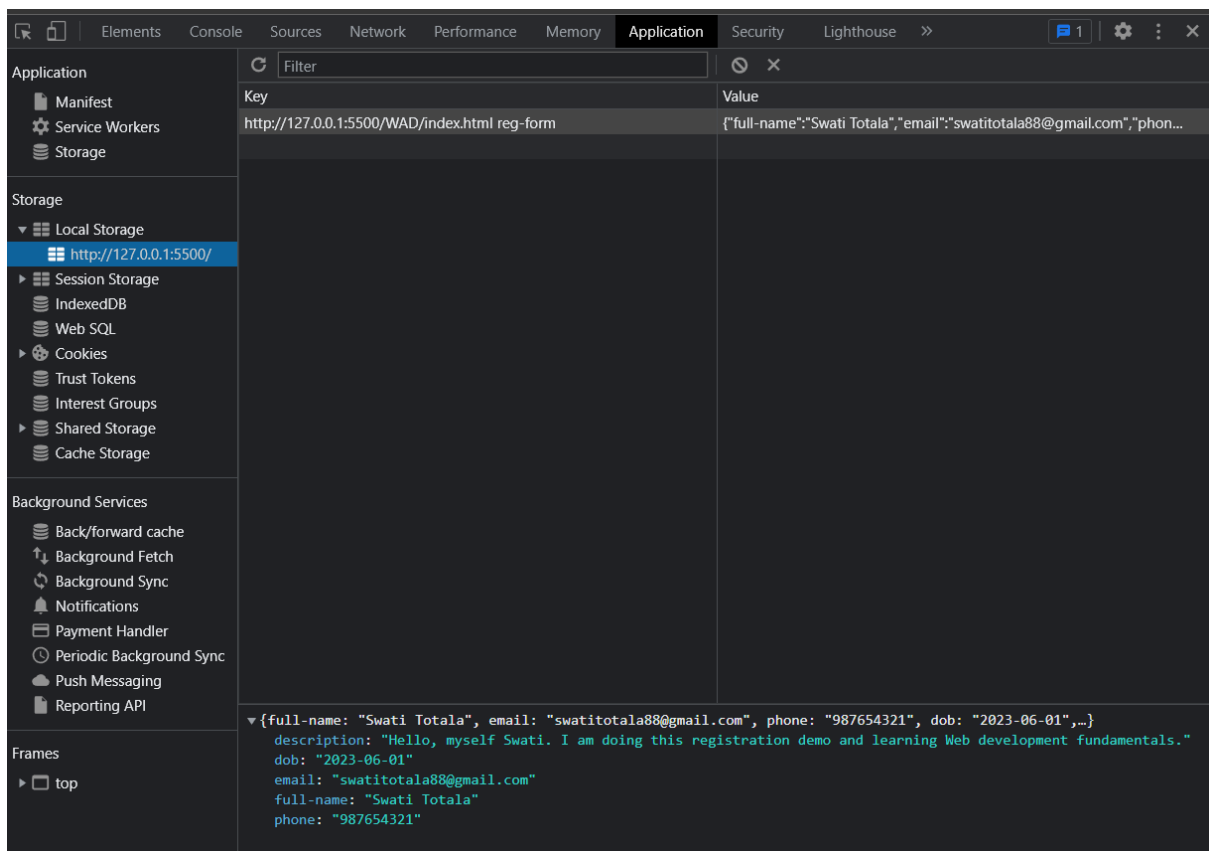
EMAIL  
swatitotala88@gmail.com

PHONE NUMBER  
987654321

DATE OF BIRTH  
01-06-2023

DESCRIPTION  
Hello, myself Swati. I am doing this registration demo and learning web development fundamentals.

SUBMIT SAVE



Application

- Manifest
- Service Workers
- Storage

Storage

- Local Storage
- http://127.0.0.1:5500/
- Session Storage
- IndexedDB
- Web SQL
- Cookies
- Trust Tokens
- Interest Groups
- Shared Storage
- Cache Storage

Background Services

- Back/forward cache
- Background Fetch
- Background Sync
- Notifications
- Payment Handler
- Periodic Background Sync
- Push Messaging
- Reporting API

Frames

- top

Filter

Key	Value
http://127.0.0.1:5500/WAD/index.html reg-form	{"full-name":"Swati Totala","email":"swatitotala88@gmail.com","phon..."}

```
{full-name: "Swati Totala", email: "swatitotala88@gmail.com", phone: "987654321", dob: "2023-06-01",...}
description: "Hello, myself Swati. I am doing this registration demo and learning Web development fundamentals."
dob: "2023-06-01"
email: "swatitotala88@gmail.com"
full-name: "Swati Totala"
phone: "987654321"
```