# **Sort by Name App**

Welcome to the **Sort by Name App** repository! This simple web-based tool allows users to input their name, sort the characters alphabetically, and display the result. It serves as a great project to demonstrate basic HTML, CSS, and JavaScript skills.

## **Features**

* **User Input**: Accepts a user's name through an input field.
* **Name Sorting**: Sorts the characters in the inputted name alphabetically.
* **Clear Functionality**: Clears the input field and result display.
* **Responsive Design**: Ensures the app looks good on various devices and screen sizes.

## **Technologies Used**

* **HTML**: Provides the structure of the app.
* **CSS**: Styles the app with a modern, gradient background and responsive design.
* **JavaScript**: Handles the sorting logic and user interactions.

## **How to Use**

1. Clone the repository:

git clone <https://github.com/yourusername/sort-by-name-app.git>

1. Navigate to the project directory:

cd sort-by-name-app

1. Open the index.html file in your preferred web browser:

open index.html

1. Enter your name in the input field and click "Sort" to see your name sorted alphabetically.
2. Click "Clear" to reset the input field and result display.

## **File Structure**

* index.html: Main HTML file structuring the web page.
* style.css: Contains the styles for the web page.
* script.js: Includes JavaScript code for sorting the name and handling interactions.

## **Code Overview**

### **HTML**

The HTML structure includes:

* A header with the app title.
* A form with an input field, a "Sort" button, and a "Clear" button.
* A message area to display the sorted name.

### **CSS**

The CSS ensures:

* A gradient background for visual appeal.
* Centered and responsive design.
* Styled form elements for usability.

### **JavaScript**

The JavaScript functions:

* mysort(): Handles sorting logic and updates the display.
* clearForm(): Clears the input field and result message.

## **Contributing**

Contributions are welcome! Fork the repository and submit a pull request.

## **License**

This project is open source under the MIT License.

## **Contact**

For inquiries or feedback, reach out to the project maintainer:

* **Name**: Amey Mali
* **Email**: ameymali54@icloud.com