Sustainable Living Assistant

Problem statement:

With the increasing awareness of climate change and environmental degradation, there's a growing need for individuals to adopt sustainable living practices. However, many people lack the knowledge, resources, and motivation to make eco-friendly choices in their daily lives. Additionally, finding reliable information and access to sustainable products can be challenging.

Introduction:

Our platform aims to address these challenges by providing users with a comprehensive solution to embrace sustainable living. By offering a range of features including a carbon footprint calculator, sustainable lifestyle tips, and a marketplace for eco-friendly products, we empower users to make informed decisions and take meaningful steps towards reducing their environmental impact.

Project goals:

- **Raise Awareness:** Educate users about the importance of sustainable living and its impact on the environment.
- **Empower Users:** Provide tools and resources to help users understand their carbon footprint and adopt eco-friendly habits.
- **Facilitate Access:** Offer a convenient marketplace for users to discover and purchase sustainable products that align with their values.
- **Promote Engagement:** Foster a community where users can share tips, challenges, and success stories related to sustainable living.

Tech stacks used:

- HTML
- CSS
- JAVA SCRIPT

Conclusion:

Our sustainable living platform aims to empower individuals to make positive environmental changes in their lives. By providing educational resources, practical tools, and access to eco-friendly products, we strive to create a community that embraces sustainability and collectively works towards a greener future. With a user-friendly interface and robust technology stack, we are committed to making sustainable living accessible and enjoyable for everyone.

About the code:

- The HTML defines the structure of the page, including form elements for category, item, quantity, and a button to calculate emissions. There's also a div to display results.
- The CSS styles the page with fonts, colours, animations, and layout.
- The JavaScript initializes variables for form elements and adds an event listener to the category select to populate the item select based on the selected category.
- A function fetches items based on the category and populates the item select.
- Another function calculates CO2 emissions based on selected inputs and displays the result.
- Overall, the code is simple, using basic web technologies to create a functional calculator.