

# Mahsua Web Apps

Welcome to **Mahsua Web Apps**, your go-to hub for a collection of fun, interactive games and useful everyday tools, all built with modern web technologies. This project aims to provide a centralized and easy-to-access platform for various web-based applications.

## Overview

Mahsua Web Apps is a curated collection of standalone HTML, CSS, and JavaScript projects, neatly organized into "Games" and "Tools" categories. Each application is designed for simplicity, user-friendliness, and a seamless experience.

## Features

This repository hosts a growing library of applications, including:

### Games

- **Brick Breaker Game:** A classic arcade game where you break bricks by bouncing a ball.
- **Coin Flip:** A simple utility to simulate a coin flip for quick decisions.
- **Math Quiz Game:** Test and improve your arithmetic skills with interactive quizzes.
- **Random Number Generator:** Generate random numbers for various purposes, from games to lotteries.
- **Rock Paper Scissors Game:** Play the timeless hand game against the computer.
- **Snake Game:** Guide your snake to eat food and grow longer without hitting obstacles.
- **Tic Tac Toe:** The classic paper-and-pencil game, now playable on your browser.
- **Virtual Coin Flip:** Another digital coin flip for quick choices or entertainment.
- **Wall Dodge Challenge:** A reflex-testing game where you dodge incoming walls.

### Tools

- **Age Calculator:** Accurately calculate your age in years, months, and days.
- **Invoice Generator:** Quickly create and customize professional invoices.
- **Modern Calculator:** A sleek and functional calculator for all your basic arithmetic needs.
- **QR Code Generator:** Generate QR codes for URLs, text, and contact information.
- **Resume Builder:** Create professional and customizable resumes effortlessly.
- **Typing Speed Test:** Improve your typing accuracy and speed with an interactive test.

## Technologies Used

- **HTML5:** For structuring the web content.
- **CSS3:** For styling and visual presentation.
- **JavaScript (ES6+):** For interactive functionality and game logic.
- **Tailwind CSS:** Used for the main homepage layout and consistent styling across the platform.

## How to Access

This collection of web apps is deployed on GitHub Pages for easy access.

You can visit the main hub at:

<https://apps.mahsua.com> (Replace with your actual GitHub Pages URL once configured)

From the homepage, you can easily navigate to any game or tool by clicking on its respective card.

## Project Structure

The repository is organized as follows:

Mahsua Apps/

```
|— index.html      # The main homepage for Mahsua Web Apps
|— Games/         # Directory for all game applications
|   |— Brick-Breaker-Game/
|   |   |— index.html
|   |   |— assets/    # Game-specific assets (images, sounds)
|   |— Coin Flip/
|   |   |— index.html
|   |   |— assets/
|   |— ... (other games)
|— Tools/         # Directory for all utility tools
|   |— Age-Calculator/
|   |   |— index.html
|   |   |— assets/
|   |— Invoice/
|   |   |— index.html
|   |   |— assets/
|   |— ... (other tools)
|— README.md      # This file
```

Each game and tool is self-contained within its own directory, ensuring that their specific CSS and JavaScript do not conflict with other applications or the main homepage.

## **Contributing**

We welcome contributions! If you have ideas for new games or tools, or improvements to existing ones, feel free to:

1. Fork the repository.
2. Create a new branch (git checkout -b feature/your-feature-name).
3. Make your changes.
4. Commit your changes (git commit -m 'Add new feature').
5. Push to the branch (git push origin feature/your-feature-name).
6. Open a Pull Request.

## **License**

This project is open-source and available under the [MIT License](#).

## **Contact**

For any inquiries or feedback, please feel free to reach out.

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