

Beginner Projects

1. **To-Do List** – Add, delete, and mark tasks as complete.
2. **Calculator** – A basic calculator with +, -, *, / operations.
3. **Countdown Timer** – Set a time and count down to zero.
4. **Random Quote Generator** – Display random quotes on button click.
5. **BMI Calculator** – Calculate Body Mass Index from height & weight.
6. **Digital Clock** – Display current time (updates every second).
7. **Password Generator** – Create random passwords with customizable length.
8. **Rock-Paper-Scissors Game** – Play against the computer.
9. **Temperature Converter** – Convert between Celsius & Fahrenheit.
10. **Simple Quiz App** – Multiple-choice questions with a score tracker.

Intermediate Projects

11. **Weather App** – Fetch weather data using an API (e.g., OpenWeatherMap).
12. **Expense Tracker** – Add expenses, display total, and filter by category.
13. **Notes App** – Save, edit, and delete notes (use `localStorage`).
14. **Tic-Tac-Toe Game** – Two-player or vs-computer.
15. **Pomodoro Timer** – Work & break intervals with notifications.
16. **Movie Search App** – Fetch movie data from an API (e.g., OMDB).
17. **Drawing App** – Simple canvas-based drawing tool.
18. **Memory Card Game** – Flip cards to find matching pairs.
19. **URL Shortener** – Shorten long links (mock API or `localStorage`).
20. **Hangman Game** – Guess letters to complete the word.