

The 30 Day VanillaJS Coding Challenge by [@ilonacodes](#)

1. Color Guessing Game

In this game, the computer chooses a random color from the list, and the user has to guess it. When the user guesses wrong, the application tells the user if the guess is alphabetically lower or higher than the correct answer. When the user guesses correctly, the game informs the user how much tries it took.

[Try my solution here](#)

[Source code on Github](#)

2. Build a JavaScript Calculator

The challenge from <https://www.freecodecamp.org/challenges/build-a-javascript-calculator>

[Try my solution here](#)

[Source code on Github](#)

3. Tag Generator

The application will generate hashtags for the user input. Just enter a word or a sentence and get a tag as a result.

[Try my solution here](#)

[Source code on Github](#)

4. Build a Wikipedia Viewer

The challenge at <https://www.freecodecamp.org/challenges/build-a-wikipedia-viewer>

[Try my solution here](#)

[Source code on Github](#)

5. A Bicycle Tracker Chart I

Creating and designing "Bicycle Achievement Chart" with JavaScript. This application lets the user track how much distance they drove with their bicycle (either static or real one). As project turned out to be quite big, it has been split into two.

The first part is about rendering a nice bar chart from static data from the list.

[Try my solution here](#)

[Source code on Github](#)

6. A Bicycle Tracker Chart II

Creating and designing "Bicycle Achievement Chart" with JavaScript. This application lets the user track how much distance they drove with their bicycle (either static or real one). As project turned out to be quite big, it has been split into two.

The second part is to allow the user to input the distance data on a daily basis. That includes persistence of the data in local storage of the browser.

[Try my solution here](#)

[Source code on Github](#)

7. Article Highlighter for Web

The user can highlight the important information in long web pages by highlighting the text.

[Try my solution here](#)

[Source code on Github](#)

8. Build a Simon Game

The challenge at <https://www.freecodecamp.org/challenges/build-a-simon-game>

[Try my solution here](#)

[Source code on Github](#)

9. Build a Pomodoro Clock

The challenge at <https://www.freecodecamp.org/challenges/build-a-pomodoro-clock>

[Try my solution here](#)

[Source code on Github](#)

10. Show the Local Weather

The challenge at <https://www.freecodecamp.org/challenges/show-the-local-weather>

[Try my solution here](#)

[Link to the GitHub repository](#)

11. Use the Twitchtv JSON API

The challenge at <https://www.freecodecamp.org/challenges/use-the-twitchtv-json-api>

[Try my solution here](#)

[Link to the GitHub repository](#)

12. Build a Tic Tac Toe Game

The challenge at <https://www.freecodecamp.org/challenges/build-a-tic-tac-toe-game>

[Try my solution here](#)

[Link to the GitHub repository](#)

13. My Favorite Quote

Your favorite quote is divided into two parts by VanillaJS. However, by scrolling the user can join the parts and read the whole quote completely.

[Try my solution here](#)

[Link to the GitHub repository](#)

14. Build Your Own Array in JS

The Challenge at <https://github.com/waterlink/Challenge-Build-Your-Own-Array-In-Js>

[Link to the Github repository](#)

Creating the own array implementation using a fixed-size underlying array to practice the problem-solving and logical skills, as well, as improving the command of the array.

15. Filter Articles By Title

The user can find the suitable article by its title via their input.

[Try my solution here](#)

[Link to the Github repository](#)

16. Magic 8 Ball

The challenge at <https://www.codecademy.com/courses/learn-javascript/projects/magic-eight-ball111>

[Try my solution here](#)

[Link to the Github repository](#)

The user will be able to input a question; then the app will output an answer to that question.

17. 7 Good Books to Read

The app lists the books on click (left/right) that I find pretty good for reading.

[Try my solution here](#)

[Link to the Github repository](#)

18. Text Statistics

The user can count chars, words, sentences in every text that they have entered.

[Try my solution here](#)

[Link to the Github repository](#)

19. Image Cropper

The app allows to upload an image, to crop it with ease through drag-drop, and then to download a new one.

[Try my solution here](#)

[Link to the Github repository](#)

20. Memory Game

The user has to find matching pairs of tiles to win the game.

[Try my solution here](#)

[Link to the Github repository](#)

21. Online Shopping

The user can search for available products and then add them to the cart.

[Try my solution here](#)

[Link to the Github repository](#)

22. Online Shopping (Shopping Cart)

The software calculates a total for the order, including taxes and the price without tax.

[Try my solution here](#)

[Link to the Github repository](#)

23. Take Selphie App

The user can take a selfie and download it, otherwise to delete it and take a new one.

[Try my solution here](#)

[Link to the Github repository](#)

24. Simple Expense Tracker

The user can account his expenses by storing them with the app.

[Try my solution here](#)

[Link to the Github repository](#)

25. The World Clock

The app shows current local time in 5 chosen cities by me.

[Try my solution here](#)

[Link to the Github repository](#)

26. The World Clock (Time Zone Chooser)

The app shows current local time in cities worldwide, in all time zones with DST accounted for.

[Try my solution here](#)

[Link to the Github repository](#)

27. The World Clock (Remove Time Zone)

The app based on the 26th challenge and extended by removing time zone functionality.

[Try my solution here](#)

[Link to the Github repository](#)

28. Water Daily Goal

Easily track how much water you drink with this app.

[Try my solution here](#)

[Link to the Github repository](#)

29. Song of The Day

A responsive CSS music player that also has simple use cases of streaming the song, counting the time and play/pause functionality.

[Try my solution here](#)

[Link to the Github repository](#)

30. Mortgage Calculator

Traditional Mortgage Calculator

[Try my solution here](#)

[Link to the Github repository](#)

Thank you for downloading! [@ilonacodes](#)