

#JAVASCRIPT30

30 DAY VANILLA JS CODING CHALLENGE

BUILD 30 THINGS IN 30 DAYS WITH 30 TUTORIALS

NO FRAMEWORKS × NO COMPILERS × NO LIBRARIES × NO BOILERPLATE

\$0⁰⁰
FREE

What You'll Get

- Instant Access to all 30 videos
- 30 days of Starter Files
- Completed HTML, CSS and JS Solutions for each day

START THE CHALLENGE TODAY!

Email Address

Join 647,279 Others



I agree to the [Terms](#) and [Privacy Policy](#)

SIGN UP TO GET IMMEDIATE ACCESS TO THE COURSE DASHBOARD
YOU'LL GET ALL 30 DAYS AT ONCE SO YOU CAN BINGE WATCH **NETFLIX STYLE.**

THERE IS NO FORMATION WITHOUT REPETITION,



So, you've done a few courses and read a few books but still don't feel great about your relationship with JavaScript.

How do you get better?

Build things. Lots of things. Build 1,000 things. Keep it up and don't stop. Seriously.

This has always been my advice. Just put in the work and you will get better.

But Wes, what should I build? I have no ideas!
Please don't make me do another todo app.

Ideas, Eh? I've got lots! This is JavaScript30 —
let's build 30 things together.

WHO IS THIS FOR?

Beginner to Intermediate developers and designers who want to become comfortable with both JavaScript fundamentals and working in the DOM without a library.

You should already know some JavaScript to start - This isn't a JavaScript 101 course. If you are new to JavaScript, or want to just get comfortable with the fundamentals, I'd recommend you take my [BeginnerJavaScript.com](#) course - use the code **JAVASCRIPT30** for an extra \$10 off.

We learn by application - encountering many new situations while talking about the hows, the whys and the whats that we use to solve them.

We steer clear of opinionated design patterns, frameworks, libraries and any type of abstraction. These things are great and often needed, but can obstruct learning and constrain initial understanding.

These tutorials rely heavily upon browser APIs, most of which involve interaction with the page. If you are stuck in `console.log()` land, these videos are your next step. Oh, the stuff we build is really fun!

WES, HOW IS THIS FREE?

These videos are free as a thank-you to everyone who has supported my premium courses as well as because I believe in giving back to the community. I see a huge need for these

videos and I really think it will help many of you become comfortable creating with JavaScript.

While I've spent over 300 hours on JavaScript30, enough people find they really click with my teaching style and continue their learning with one of my premium courses. It all works out!

HEY, I'M WES BOS



MEET WES BOS

Wes Bos is a Full Stack Developer, Speaker and Teacher from Canada. He is a course creator, works as an independent web developer and is the co-host of Syntax - a popular web development podcast. Wes has taught over 500 students in 200+ classes and spoken at dozens of conferences around the world.

Wes wrote his own bio in the third person for some reason.

Wes is the author of React For Beginners, Advanced React and GraphQL, ES6 for Everyone and Learn Node which together have sold over 55,000 copies. He is also the author of JavaScript30.com, CSSGrid.io, Flexbox.io and Command Line Power User, a set of free video series. 300,000 people have taken at least one of Wes' free video courses.

Follow @wesbos

30 DAYS ✖ 30 VIDEOS

Accessible and ESL friendly! Closed Captions are provided for every video. Captions done by Speechpad.



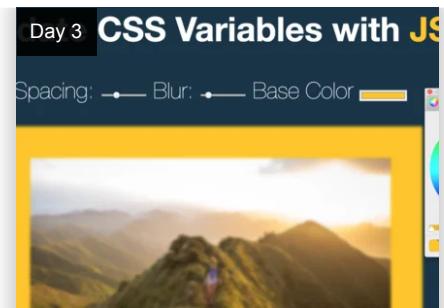
JAVASCRIPT DRUM KIT

DOM & INTERFACE
FRIENDS WITH CSS
AUDIO + VIDEO



CSS + JS CLOCK

FUNDAMENTALS
FRIENDS WITH CSS



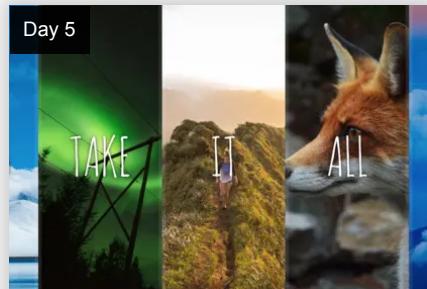
PLAYING WITH CSS VARIABLES AND JS

FRIENDS WITH CSS
FUN + EXPERIMENTAL

Day 4 `totype.filter()`
1. Filter the list of inventors for those who were born before 1900.
`const fifteen = inventors.filter(inventor => (inventor.born < 1900));`
`console.table(fifteen);`
2. Give us an array of the inventory first and last names.
`const fullNames = inventors.map(inventor => `${inventor.firstName} ${inventor.lastName}`);`
`console.log(fullNames);`

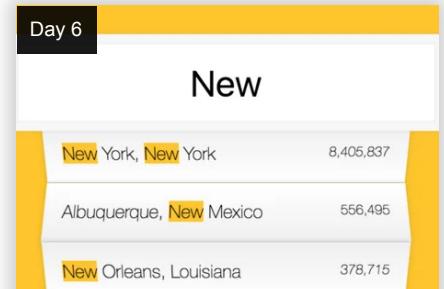
ARRAY CARDIO DAY 1

FUNDAMENTALS



FLEX PANELS IMAGE GALLERY

FRIENDS WITH CSS
DOM & INTERFACE



AJAX TYPE AHEAD

DOM & INTERFACE

Day 7
`const newComments = [`
`...comments.slice(0, index)`
`...comments.slice(index + 1, comments.length)];`

ARRAY CARDIO DAY 2

FUNDAMENTALS



FUN WITH HTML5 CANVAS

FUN + EXPERIMENTAL

Day 9
This is Snickers
Snickers is 2 years old
Snickers is 14 dog years old
ugo
This is hugo
hugo is 8 years old
hugo is 56 dog years old
es: 1
es: 2

14 MUST KNOW DEV TOOLS TRICKS

FUNDAMENTALS

Day 10 Click one item

- Hold down your Shift key
- Check a lower item
- Everything inbetween should also be set to checked

HOLD SHIFT TO CHECK MULTIPLE CHECKBOXES

DOM & INTERFACE

Day 13 laborum nam! Fuga ad tempora in as
quibusdam dolores sunt esse magni, ut, dignissimos



SLIDE IN ON SCROLL

DOM & INTERFACE

Day 16

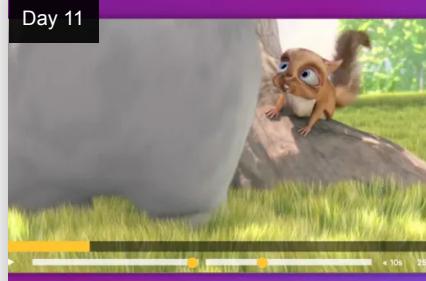


CSS TEXT SHADOW MOUSE MOVE EFFECT

DOM & INTERFACE

FRIENDS WITH CSS

Day 11



CUSTOM HTML5 VIDEO PLAYER

AUDIO + VIDEO

Day 12

```
ddEventListener('keyup', (e) => {
  const secretCode = 'DING DONG';
  const code = e.key;
  if (secretCode.length === code.length) {
    const pressed = code.split('');
    if (pressed.join('').includes(secretCode)) {
      console.log('DING DING!');
    }
  }
});
```

KEY SEQUENCE DETECTION (KONAMI CODE)

FUNDAMENTALS

Day 14

```
' or use the new ES6 Spread Operator
const team4 = [...players];
team4[3] = 'heeee hawww';
console.log(team4);
```

OBJECT AND ARRAYS - REFERENCE VS COPY

FUNDAMENTALS

Day 15



LOCALSTORAGE AND EVENT DELEGATION

FUNDAMENTALS

DOM & INTERFACE

Day 16

Day 17



SORTING BAND NAMES WITHOUT ARTICLES

FUNDAMENTALS

```
const timeNodes = Array.from(document.querySelectorAll('.time-node'));
const seconds = timeNodes.map(node => node.dataset.time);
seconds.sort();
map(timeCode => {
  const [mins, secs] = timeCode.split(':');
  return mins * 60 + Number(secs);
});
```

TALLY STRING TIMES WITH REDUCE

FUNDAMENTALS



UNREAL WEBCAM FUN

HARDWARE ACCESS

FUN + EXPERIMENTAL

AUDIO + VIDEO

Day 20

Day 20 of hashtag JavaScript 30 we're going to build a speech recognition application

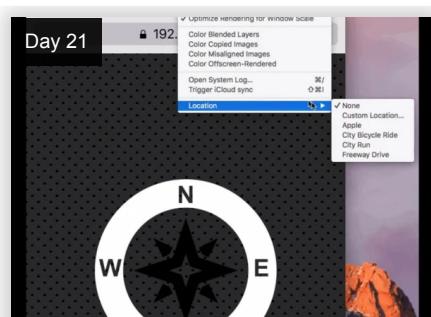
is so much fun and I can't wait for everybody to have a chance to take it

you soon

NATIVE SPEECH RECOGNITION

AUDIO + VIDEO

FUN + EXPERIMENTAL



GEOLOCATION BASED SPEEDOMETER AND COMPASS

HARDWARE ACCESS



FOLLOW ALONG LINKS

DOM & INTERFACE

FRIENDS WITH CSS



SPEECH SYNTHESIS

FUN + EXPERIMENTAL

AUDIO + VIDEO

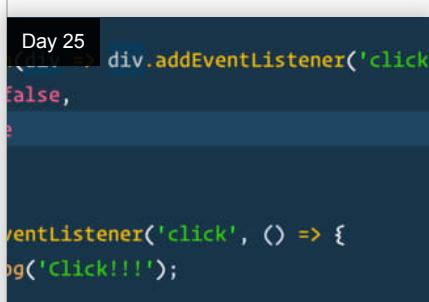


STICKY NAV

DOM & INTERFACE

FUNDAMENTALS

FRIENDS WITH CSS



EVENT CAPTURE, PROPAGATION, BUBBLING AND ONCE

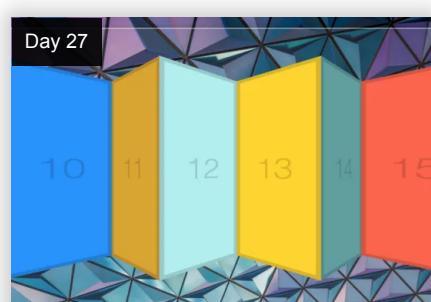
DOM & INTERFACE



STRIPE FOLLOW ALONG DROPODOWN

DOM & INTERFACE

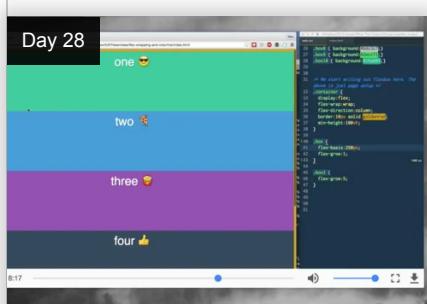
FUN + EXPERIMENTAL



CLICK AND DRAG TO SCROLL

DOM & INTERFACE

FUNDAMENTALS



VIDEO SPEED CONTROLLER UI

AUDIO + VIDEO

FUN + EXPERIMENTAL

Day 29 QUICK 15 SNACK 20 LUNCH BREAK Enter Minus

14:53

Be Back At 10:49

COUNTDOWN CLOCK

FUNDAMENTALS

FRIENDS WITH CSS



WHACK A MOLE GAME

DOM & INTERFACE

FRIENDS WITH CSS

FUN + EXPERIMENTAL

FAQ

WHAT FONT / COLOR SCHEME / EDITOR / TERMINAL IS THAT?

I answer everything over at wesbos.com/uses. Feel free to [tweet me](#) any more questions!

I HAVE A QUESTION, CAN I EMAIL YOU?

While I'd absolutely love to help everyone out, there are 647,279 people taking this course. I hope to get a forum setup sometime soon. If you are a member of one of my premium classes, you can jump into the #JavaScript30 room in our Slack channel.

I FOUND ANOTHER WAY! COULD IT BE?!

Yes! There are probably 100 different ways to solve each of these exercises, if your answer doesn't line up with mine, it means you did a really good job at trying to figure it out yourself. My answers are by no means the best answers - just a single way of doing it. Instead of emailing me - write a blog post about how you did it. Share what you know!

I LOST, DELETED OR NEVER GOT MY WELCOME EMAIL! WHAT DO I DO?

Log into [your account](#), or create an account with the same email you used to get the series.

CAN I HOST A MEETUP / STUDY GROUP? CAN I STREAM THESE IN MY CLASSROOM? CAN I ARRANGE A PLAYING?

Yep yep yep - as long as you do not redistribute the videos you are welcome and encouraged to do this.

CAN I RE-DISTRIBUTE THESE AND THEN CHARGE MONEY FOR THEM?

I can't believe I have to make this a FAQ. No, you silly goose.

I FOUND A TYPO OR ERRATA

If it's a typo on the site, please shoot me an email [here](#). If it's a correction in the code, you can submit those via GitHub! Please see the above FAQ if you found a better way.

WHAT IS THAT GNARLY AF TUNE AT THE START? 🎧🎸🤘

So good! [The Divided - For Tonight We're Strangers](#). Used with permission of course.

YOU SAY JAVASCRIPT FUNNY

um, I think you mean I say it the correct way! eh?

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