

Week 17

Trinity Coding 4 Kids

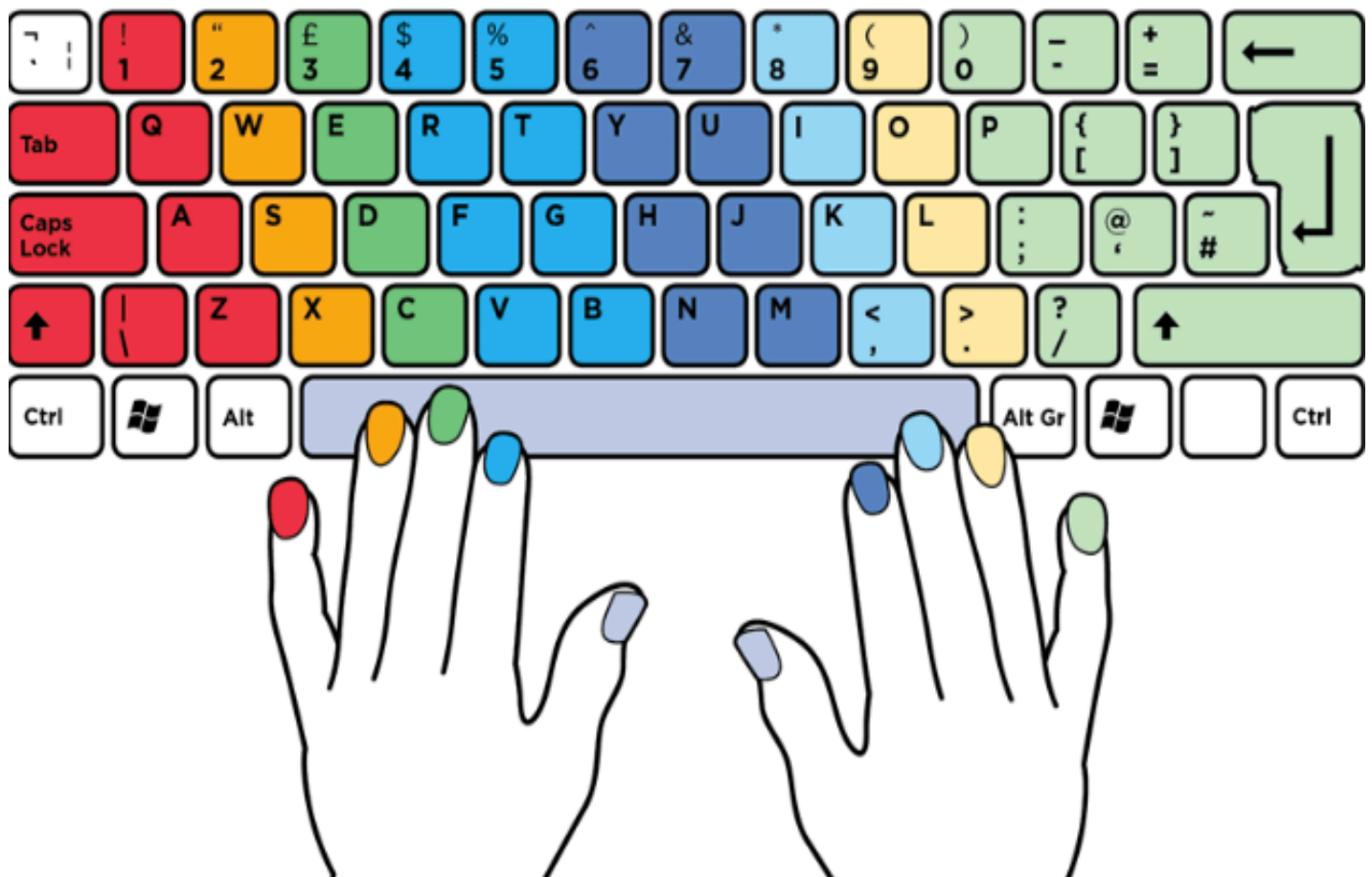
Monday January 22th 2024

Touch Typing - is a style of typing without looking at the keys as you type. Although the phrase refers - typing without using the sense of sight to find the keys. A **touch typist will know the location of the keys on the keyboard through muscle memory.**

Our number one rule is

"Don't Look at the Keyboard"


Learn the finger for each key and memorize the location, the practice typing each key while NOT looking at the keyboard.




From this image: what keys does the left hand middle finger hit?
 What keys does the right hand (4th) finger hit?
 What keys does the left hand (2nd) finger hit?
 What keys does the left hand (2nd) finger hit?
 Which finger hits the most number of keys?

Touch Typing Question:


Which finger do you use for the [Space Bar] ?
 Which finger do you use for the [A] Key?
 Which finger do you use for the [J] Key?
 Which finger do you use for the [D] Key?
 Which finger do you use for the [L] Key?
 Which finger do you use for the ["enter"] Key?




Today's class we will - practice typing, take a short typing test, and introducing a Coding Language...

 **Week_17_Beginner_TouchTypingTest**
Managed by Arthur Alton

[Overview](#) [Students](#) [Instructors](#) [Results](#)

 **Week_17_Beginner_TouchTypingTest** ●



Students will practice the home row keys with this simple touch typing test

Test active | Jan 22, 2024 - Jan 31, 2024

We are going to introduce

A New Computer Coding Language called JavaScript.

JavaScript is the programming language of HTML and
JavaScript is easy to learn.

Why Study JavaScript?

JavaScript is one of the **3 languages** all web developers **must** learn:

1. **HTML** to define the content of web pages
2. **CSS** to specify the layout of web pages
3. **JavaScript** to program the behavior of web pages

Computers are incredibly powerful machines, capable of performing amazing tasks like playing competitive chess, serving thousands of web pages, or making millions of comparisons in less than a few seconds. But deep down, computers are actually pretty dumb. Computers only do what we humans tell them to do. We tell computers how to behave using computer programs, which are just sets of instructions for the computers to follow. Without programs, computers are just idle machines.

lled:

and the Web.

ages

feats like playing
complex calculations in less
computers can *only* do exactly
computer programs, which are
computers can't do anything at





Meet JavaScript

Even worse, computers can't understand English or any other spoken language. Computers can only understand code written in a [programming language](#) like JavaScript. You might not have heard of JavaScript, but you've certainly used it. The JavaScript programming language is used to write programs for web pages. JavaScript can control how a web page looks or make the page respond to events like clicking a button or moving the mouse.

Sites like Gmail, Facebook, and Twitter use JavaScript to make it easier to send emails or browse websites. For example, when you're on Twitter reading tweets from @realDonaldTrump, more tweets at the bottom of the page as you scroll down, that's JavaScript in action. You only have to visit a couple of websites to see why JavaScript is so exciting.

- JavaScript lets you play music and create amazing visual effects. For example, there's an interactive music video created by HelloEnjoy for Ellie Goulding's song 'Love Me Like You Do' (<http://lights.helloenjoy.com/>), as shown in [Figure 1-1](#).
- JavaScript lets you build tools for others to make their own art. Patatap (<http://patatap.com/>) is a kind of virtual "drum machine" that creates all kinds of cool noises — and you can go along with them — as shown in [Figure 1-2](#).

Computer programs are
JavaScript before, but
programs that run in
and when a viewer

mail, post comments,
nostarch and you see
on.

le, you can fly through
“Lights”

[://www.patatap.com/](http://www.patatap.com/))
nd cool animations to

Why Learn JavaScript?

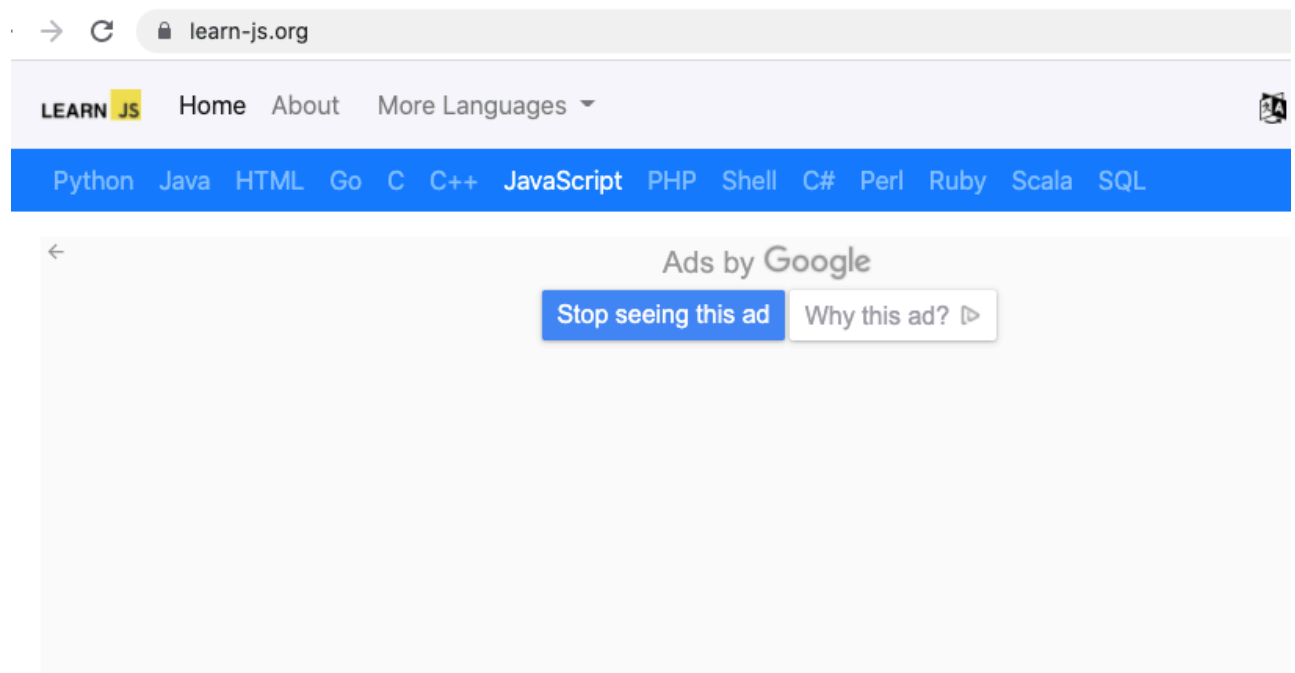
JavaScript isn't the only programming language out there — in fact, there are literally hundreds of programming languages. But there are many reasons to learn JavaScript. For one, it's (a lot more fun) to learn than many other programming languages. But perhaps best of all, to write and run JavaScript programs, all you need is a web browser like Internet Explorer, Firefox, or Google Chrome. Every web browser comes with a JavaScript [*interpreter*](#) that understands and runs JavaScript programs.

Once you've written a JavaScript program, you can send people a link to it, and they can run it in their browser on their computer, too! (See [Sharing Your Code Using JSFiddle](#).)

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Load: www.learn-js.org



Welcome

Welcome to the learn-js.org interactive JavaScript tutorial.

Whether you are an experienced programmer or not, this website is intended for everyone who wishes to learn the JavaScript programming language.

Hello, World!

Welcome to the first tutorial. In this tutorial you will learn how to write your first line of code.

JavaScript is a very powerful language. It can be used within any browser in the world. On top of that, it can be used to write server-side applications as well.

can be used to write server-side code using node.js.

When using JavaScript inside the browser, we can change how the page looks like and how it behaves. In this tutorial, we will only focus on learning the language itself, and therefore we will only use one function to print out our results called "console.log".

Exercise

You must print out to the console the sentence "Hello, World!".

```
Var um = 9;
```

```
Console.log(um);    // output = 9.0
```

```
Var myNumber = 4;
```

Numbering Systems