



WEB PROGRAMMING

Tamus Tahir

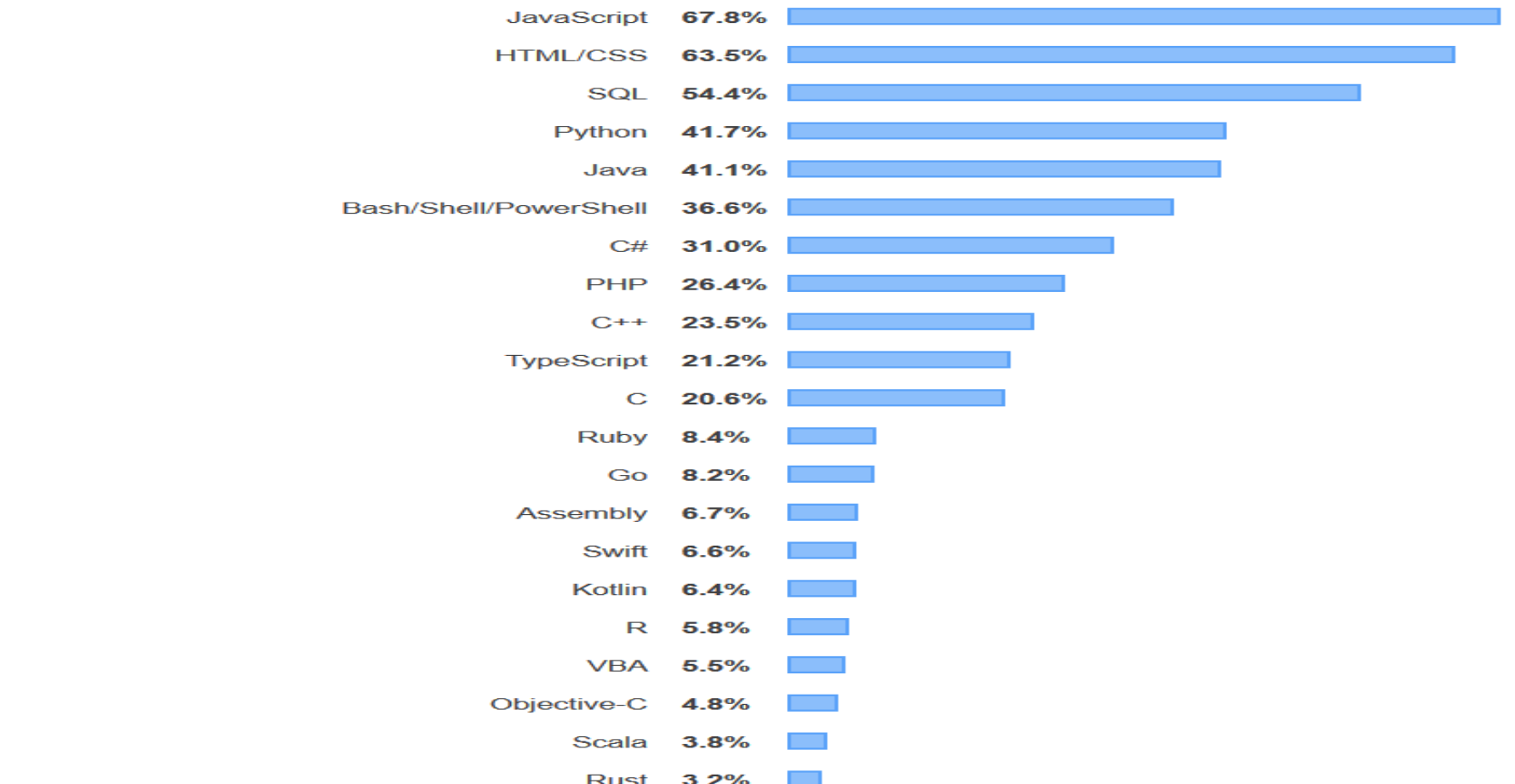


MOST POPULAR

Source: <https://insights.stackoverflow.com/survey/2019>

Programming, Scripting, and Markup Languages

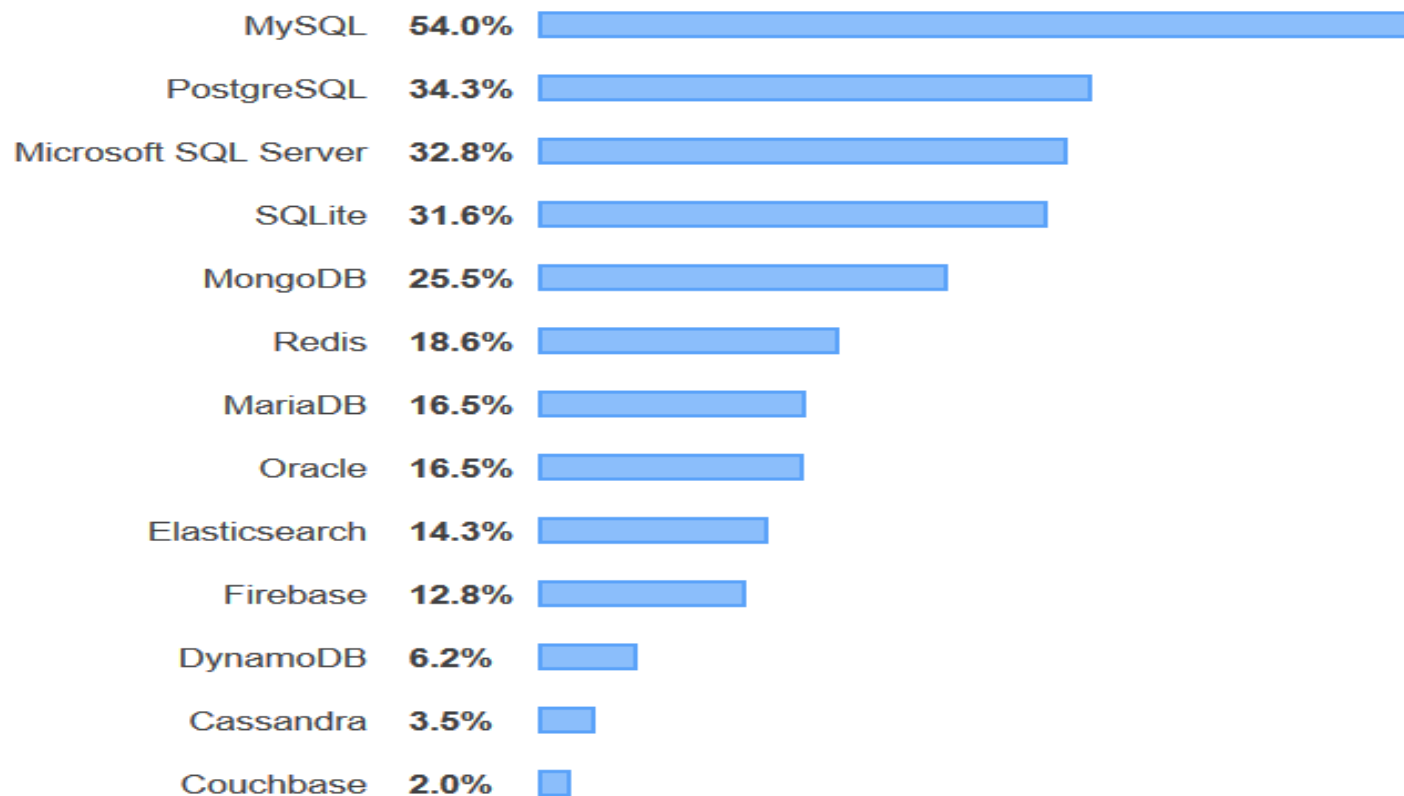
All Respondents	Professional Developers
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Databases

All Respondents

Professional Developers



Developers' Primary Operating Systems

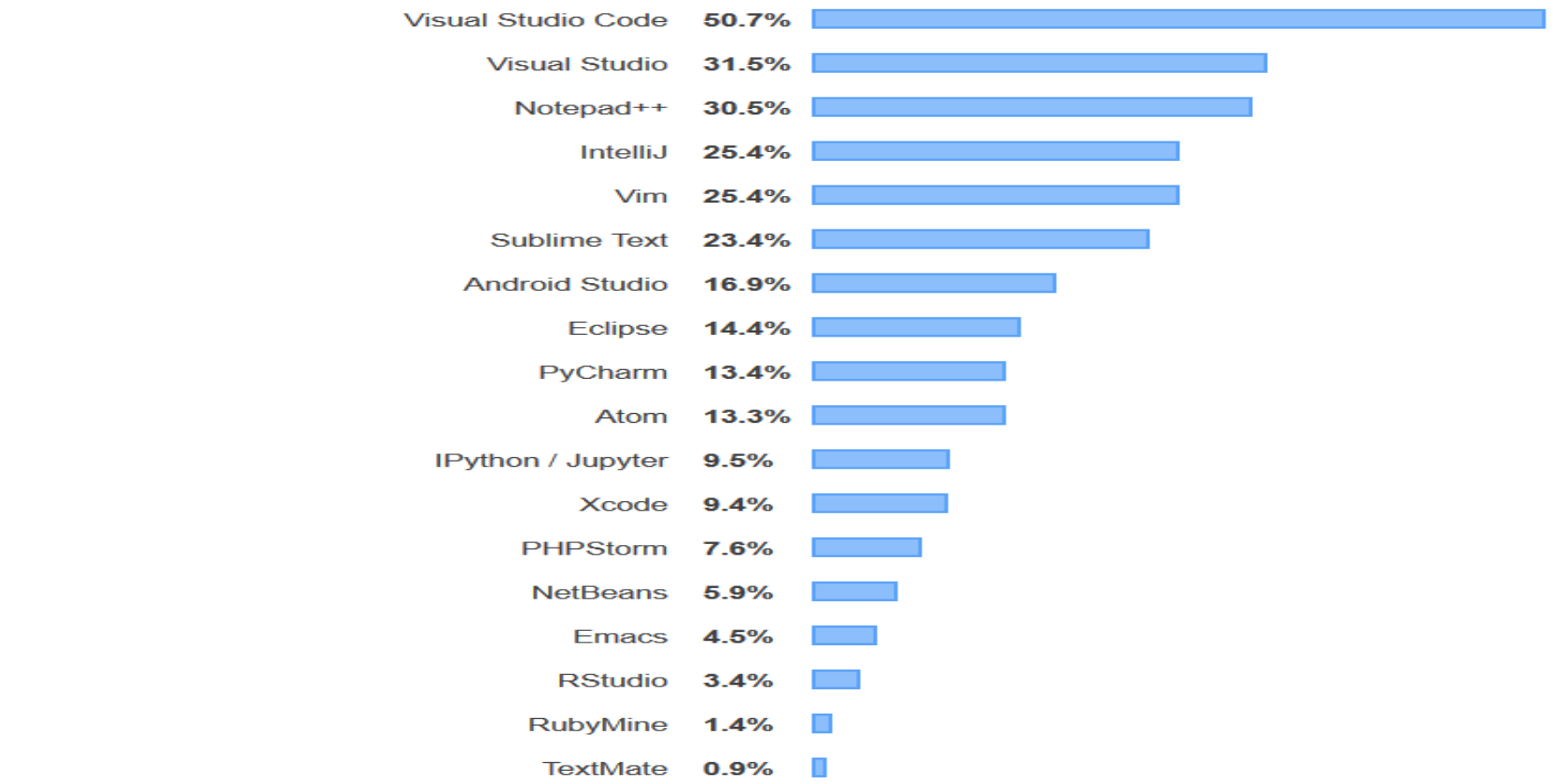
All Respondents

Professional Developers



Most Popular Development Environments

All Respondents	Web Developers	Mobile Developers	SRE/DevOps
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REQUIRED

1. Algoritma Dan Struktur Data

- ✓ Algoritma, merupakan urutan atau langkah-langkah untuk menyelesaikan masalah karena pada dasarnya kita membuat aplikasi untuk menyelesaikan masalah
- ✓ Struktur Data, Ketika membuat program yang nantinya kita olah adalah sebuah data. Data mempunyai berbagai tipe dan tiap tipe data mempunyai cara yang berbeda-beda dalam mengelolanya

2. Database

Untuk menyimpan data dari sebuah program, kita membutuhkan database

Sebenarnya masih ada beberapa lainnya, tapi untuk kurikulum kampus biasanya tidak diajarkan, untuk lebih detail silahkan visit <https://roadmap.sh/>

WHAT'S LEARNED

1. HTML → Learn the basic
2. CSS → Learn the basic → CSS layouts → CSS 3
3. JavaScript → Learn the basic → DOM → API → ES8
4. PHP → Learn the basic → CRUD → User Management
5. Next Session → Framework (CSS, JS, PHP)

LEARNING RESOURCES

<https://www.w3schools.com/>

<https://developer.mozilla.org/en-US/docs/Web/>

<http://php.net/>

<https://stackoverflow.com/>

Tim Berners-Lee

- HTML
- HTTP
- WWW
- Web Browser
- Web Server
- Web Page

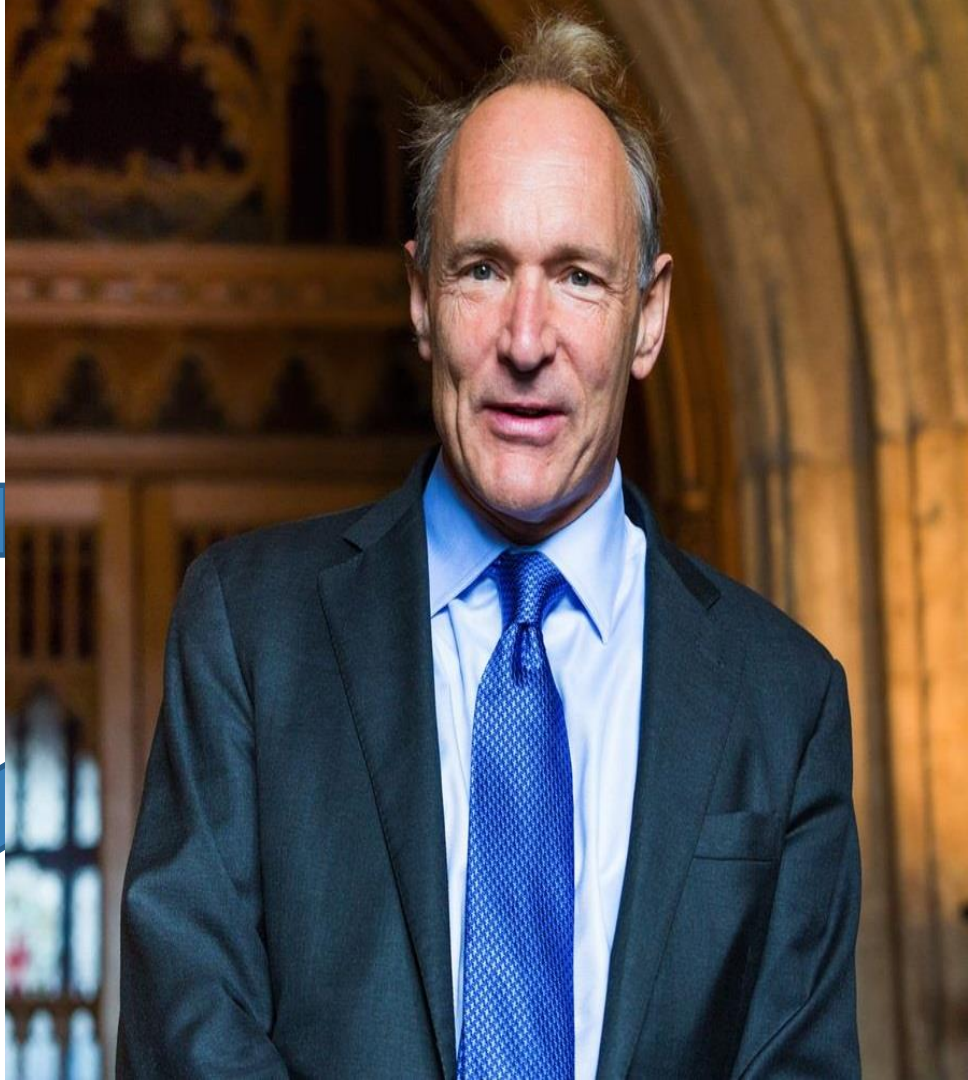
Create



Workplace



World Wide web Consortium (W3C)





LEARNING NEEDS

WEB BROWSER

March 2020

February 2020

January 2020

December 2019

November 2019

October 2019

September 2019

August 2019

July 2019

June 2019

May 2019

April 2019

March 2019

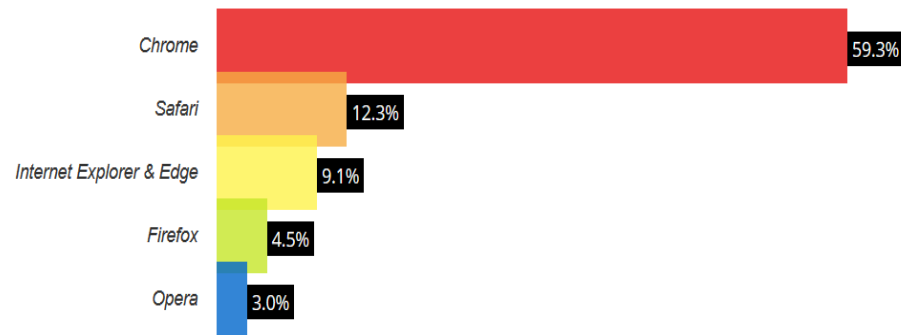
February 2019

January 2019

December 2018

Web Browser Market Share

[View Monthly Trends](#)



Top 10 Web Browsers

1	Chrome 80	33.75%
2	Safari 13	8.26%
3	Chrome 79	3.34%
4	Chrome 70	3.05%
5	IE 18	2.56%
6	IE 11	2.39%
7	Samsung 11	2.29%
8	Safari 12	1.96%
9	MiuiBrowser 11	1.88%
10	Chrome 62	1.69%

Top 10 Platforms

1	Windows 10	17.39%
2	Android 9	16.60%
3	Windows 7	10.08%
4	Android 8	9.60%
5	iOS 13	8.14%
6	Android 7	6.01%
7	Android 5	5.29%
8	Android 6	5.26%
9	Mac OS X	3.87%
10	Android 10	3.23%

<https://www.w3counter.com/globalstats.php>

TEXT EDITOR

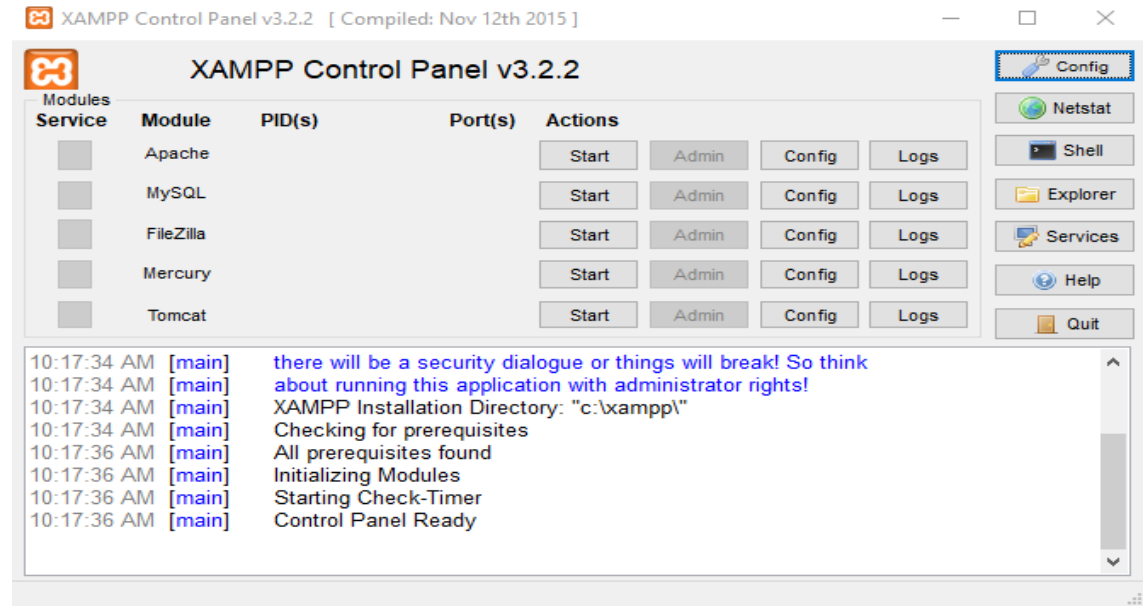
Text Editor merupakan sebuah software yang biasanya digunakan oleh seorang programmer dalam menulis sebuah kode program.

1. Notepad
2. Notepad++
3. Visual Studio Code (**recommended**)
4. Atom
5. Sublime Text

WEB SERVER & DATABASE SERVER

XAMPP

Cross Platform, Apache + MariaDB
+ PHP + Perl



A top-down view of a wooden desk. In the center-left is an open laptop with a silver keyboard. To its right is a white ceramic cup filled with dark coffee. Below the cup are two wooden pencils and a small, lined notepad. To the left of the laptop are several pieces of crumpled paper. The entire scene is overlaid with a semi-transparent orange filter.

let's start coding!!!