[언어 관심도]

May 2023	May 2022	Change		Programming Language	Ratings	Change
1	1			Python	13.45%	+0.71%
2	2			C	13.35%	+1.76%
3	3			Java	12.22%	+1.22%
4	4			C++	11.96%	+3.13%
5	5			C#	7.43%	+1.04%
6	6			Visual Basic	3.84%	−2.02%
7	7			JavaScript	2.44%	+0.32%
8	10	∧		PHP	1.59%	+0.07%
9	9			SQL	1.48%	−0.39%
10	8	∨		Assembly language	1.20%	−0.72%
11	11			Delphi/Object Pascal	1.01%	−0.41%
12	14	∧		Go	0.99%	−0.12%
13	24	∧		Scratch	0.95%	+0.29%
14	12	∨		Swift	0.91%	−0.31%
15	20	∧		MATLAB	0.88%	+0.06%
16	13	∨		R	0.82%	−0.39%
17	28	∧		Rust	0.82%	+0.42%
18	19	∧		Ruby	0.80%	−0.06%
19	30	∧		Fortran	0.78%	+0.40%
20	15	∨		Classic Visual Basic	0.75%	−0.28%

[언어의 관심도]

Programming languages used in most popular websites*

Websites	Popularity (unique visitors per month)[1]	Front-end (Client-side)	Back-end (Server-side)	Database	Notes
Google[2]	1,600,000,000	JavaScript, TypeScript	C, C++,PHP, Go,[3] Java,[PHP], Python, Node	Bigtable,[4] MariaDB[5]	The most used search engine in the world
Facebook	1,120,000,000	JavaScript, Flow	Hack, PHP (HHVM), Python, C++, Java, Erlang, D,[6] XHP,[7] Haskell[8]	MariaDB, MySQL,[9] HBase, Cassandra[10]	The most visited social networking site
YouTube	1,100,000,000	JavaScript	C, C++, Python, PHP ,Java,[11] Go[12]	Vitess, BigTable, MariaDB[5][13]	The most popular video sharing site [YouTube is also owned by Google, the first listing (can be seen above)]
Yahoo	750,000,000	JavaScript	PHP	PostgreSQL, HBase, Cassandra, MongoDB,[14]	
Etsy	516,000,000[15]	JavaScript	PHP[16][17]	MySQL, Redis[18]	E-commerce website.
Amazon	500,000,000	JavaScript	Java, PHP ,C++, Perl[19]	DynamoDB, RDS/Aurora, Redshift[20]	The most used e-commerce site in the world
Wikipedia	475,000,000	JavaScript	PHP	MariaDB[21]	A free online encyclopedia based on MediaWiki, which is programmed in PHP
Fandom	315,000,000[22]	JavaScript	PHP	MySQL	Wiki hosting service.
Twitter	290,000,000	JavaScript	C++, Java,[23] Scala,[24] Ruby	MySQL[25]	Popular social network
Bing	285,000,000	JavaScript	C++, C#	Microsoft SQL Server, Cosmos DB	Search engine from Microsoft.
eBay	285,000,000	JavaScript	Java,[26] JavaScript,[27] Scala[28]	Oracle Database	Online auction house.
MSN	280,000,000	JavaScript	C#	Microsoft SQL Server	An email client, for simple use. Previously known as "messenger", not to be confused with Facebook's messaging platform.
LinkedIn	260,000,000	JavaScript	Java, JavaScript,[29] Scala	Venice[30][31]	World's largest professional network.
Pinterest	250,000,000	JavaScript	Python (Django),[32] Erlang	MySQL, Redis[33]	Search engine for ideas.
WordPress.com	240,000,000	JavaScript	PHP[34]	MariaDB[35]	Website manager software.

어디쯤~~

웹 개발

준비
호스팅
도메인
DNS
HTTP

기초상식
개발환경

OS   Mac, Win
텍스트 에디터   VS Code, Intellij
브라우저   Chrome, Firefox
터미널   Git Bash, Zsh, 기본
디자인   Adobe XD, Figma

기본언어

HTML
페이지 구조
문맥에 맞는 태그
용도에 맞는 태그

CSS
기본 스타일
포지션
정렬 (Flex , Grid)

Javascript
변수
데이터타입
오브젝트
배열
함수
반복문
DOM
ES6

음성인식
Google Speech To Text
HTML5 Web Speech API

특성선택

AI / 머신러닝
Python
TensorFlow.js
Brain.js

Gatsby
Gridsome
11ty
JAMstack
SSG
Static Site Generator
CMS

TypeScript

웹표준
접근성
호환성

HTML

프론트엔드 FE

백엔드 BE

기타 확장

Flutter
React Native
Ionic
Xamarin
Kotilin, Java
Swiftt, Objective-C

모바일 앱

Next.js
Nuxt.js
Angluar Universal
SSR
프론트엔드
프레임워크

Context API
Redux
React
Svelte

Vuex
Vue

Shared Service
NgRx
Angluar

Javascript

DOM
Array Method
JSON
HTTP
Fetch API

CSS
Flex box
Grid
트랜지션 애니메이션
반응형 - Media query

SASS
변수
Mixin
함수
Nested

스코프
클로저
이벤트루프 etc

CSS Framework

Bootstrap5
Materialize
Tailwind

언어선택
Node.js   Express
Deno   Oak, *
Python   Django, Flask
PHP   Laravel
Java   Springboot
C#   ASP.NET
Ruby   Ruby on Rails

데이터베이스
PostgresSQL
MongoDB
MySQL
MS SQL
Firebase
Elasticsearch

ORM
Mongoose
Sequelize
SQLAlchemy
Doctrine
Eloquent
JPA

RESTful API

Frontend
Apollo
GraphQL

OAuth 2.0
JWT
인증

데스크탑 앱
Electron
NW
Tkinter

배포 - Server
호스팅   국외, 국내
웹서버   Nginx, Apache, IIS
컨테이너   Docker, Kubernetes
이미지   Cloudinary, S3

PWA
웹처럼 사용
Service Workers
HTTPS
네이티브

웹 어셈블리 Web Assembly
Low level 바이트 코드
게임
비디오, 이미지 수정
C++, Rust compile
Assembly Script

git   git-scm
repository   github, bizbucket
패키지 매니저   NPM, Yarn
모듈 번들러   Webpack, Parcel
브라우저 개발툴 Redux, Vuex, network
확장프로그램   lint, live-server, snippets
툴

알고리즘
디자인 패턴