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List and analyze 10 (Ten) High Level Programming Languages.

1. Python
2. JavaScript
3. SQL
4. Golang
5. Java
6. R
7. C++
8. PHP
9. C#
10. C

1. **Python:** It is an interpreted high- level programming language for general programming purposes released in 1991. It is used in several Artificial Intelligence project and the Information Security Industry and also serve as a scripting language for web applications.

2. **JavaScript:** It is a dynamic, weakly typed, prototype-based, high level, interpreted programming language. It enables the creation of interactive web pages.

3. **SQL:** This stands for Structured Query Language. It was design in 1974 by Donald Chamber line and Raymond Boyce. It enables developers to create and manage tables and databases for storing relational data over hundreds of thousands of data fields.

4. **Golang:** A compiled programming language developed by Google in 2009. Golang is fast and has a simple syntax. It is used in back-end technologies, Cloud services and also been used to create utilities and web applications.

5. **Java:** Java has remained the de-facto programming language for building enterprise

grade applications for more than 20 years. Java has been serving as a secure, reliable tools for developers. It is used for robust business applications, also used extensively in Android. It is also used to create apps for a range of industries- banking.

6. **R:** It was first released to the public in 1993 by Ross Ihaka and Robert Gentleman as an implementation of the S programming language with a special focus on statistical computing and graphical modelling. Used for behaviour analysis, data science

7. **C++:** This was created by Bjarne Stroustrup in 1979. C++ is a general purpose programming language that has imperative, objective oriented programming features. It offers full access to the underlying hardware. It is used to create a wide variety of applications and platforms such as Games, Cloud.

8. **PHP:** It is a general-purpose scripting language that is being used around the globe primarily for server- side web development. It is used to create tools like e-commerce platforms and web applications.

9. **C#:** Developers can use C# for a range of projects including game development, server-side programming, web development, mobile application etc.

10. **C:** It has served as the foundation for writing more modern languages such as python. It is used for program hardware such as embedded devices in automobiles and medical devices- healthcare