--Progrank

WHY GO?

-Memory Management

-Security

-Slow Processing

Above issues in language like C,CPP.

-Solved by GO language and uses tools like Docker and Kubernetes.

-Multi-purpose languge

-compiled language

-static and strongly typed

-faster compilation

-simple and readable

-object document like

-pointers

-open source community

Difference Between var and :=

There are some small differences between the var var :=:

|  |  |
| --- | --- |
| **var** | **:=** |
| Can be used **inside**and **outside** of functions | Can only be used **inside** functions |
| Variable declaration and value assignment **can be done separately** | Variable declaration and value assignment **cannot be done separately** (must be done in the same line) |