Assignment 1

1. Difference between Unsigned Int and Signed Int?

Unsigned int contains 0 or Positive values.

Signed int has both positive and negative numbers with the value 0.

1. Different between Go and Java?

Go: It’s supporting concurrency.

No errors handling.

Easier to read.

Run faster.

Java: It is object-oriented language.

Java runs on java virtual machine.

It has bigger community.

Run Slower compared to Go.

1. Different between Go and Python?

Go: It’s supporting concurrency.

Run faster.

Easier to read.

Better Garbage collection.

Python: It is object-oriented language.

Run Slower compared to Go.

It has bigger community.

No Memory management.

1. Advantages of Go?

It’s an open source.

Easy Compilation.

Concurrency.

User community.

Cloud Design.

1. Disadvantages of Go?

It has poor library support, and it is hard to choose a framework to work with.

It's a high-level language with low-level features.