Code quality**is a loose approximation of how long-term useful and long-term maintainable the**code**is.**

Easily modifiable code**generally has a quicker run time. Most real world programs require change at some time.**

**Why is the use of global variables discouraged?**

**Code is generally clearer and easier to maintain when it does not use globals, but there are exceptions**

**Source code is easiest to understand when the scope of its individual elements are limited. Globals make it difficult to remember the use and changes to them.**

**if globals can be accessed by multiple threads of execution, synchronization is necessary.**

**Adding globals is really easy. It's easy to get in the habit of declaring them. It is much faster than thinking of a good design**