**Exception Handling**

Exception handling is the method of programmatically responding to unusual conditions that require special processing. In python, it is straight forward to implement exception handling for a wide variety of error types

**Debugging & Traceability**

race works in both debug and logging mode, recording events as they occur in real-time. The main advantage of using trace over debugging is to do a performance analysis, which can't be accomplished on the debugging end. What's more, trace runs on a different thread. Thus, it doesn't impact the main code thread

Isolate the source of the bug. Identify the cause of the bug. Determine a fix for the bug. Apply the fix and test it