

Preparation: Before understanding the codebase, read its requirements that describe its intended functionality. Be aware that this implementation may differ from your previous experiences or knowledge. Throughout the debugging process, if needed, you can refer back to the codebase functionality description to avoid incorrect assumptions about any section's purpose or behavior.

Procedure:

1. Get a quick overview of the codebase to develop a high-level understanding of the code's architecture.
2. Identify and examine potential bug-containing code sections. Form a hypothesis of where and what the bug is, propose a fix and move to Step 3 to validate your hypothesis.
3. Validate your proposed bug fix. Repeat Steps 2 and 3 until the bug is resolved or all possibilities are exhausted.