Test-Driven Development

Problem: Buggy Software

Errors ⇒

Implementation doesn't satisfy specification

OR

Specification is wrong or incomplete/inconsistent

Spec. (ADT) ↪ ?? ↦ Impl. (code)
Test-Driven Development:

1. Write a test, based on spec.
2. Write code to make the test work.
3. Incomplete? (Case missing)

Black-box testing → all based on spec — what’s visible from the outside.