Introductory Rust 2026 - Lab 3: Structs, Modules, and Errors

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Winter 2026/27

Lab Goals

1. Organize code into modules.
2. Define domain structs with constructors and methods.
3. Implement explicit error enums.

Exercises

1. Build 'Record' struct and parser from 'name:value' lines.
2. Split parser and domain logic into separate modules.
3. Add 'Result'-based API and unit tests for malformed input.