

Introductory Rust 2026 - Lab 1: Ownership and Borrowing

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Lab Goals

1. Practice move/borrow reasoning in short programs.
2. Design signatures using owned vs borrowed inputs.
3. Prepare for homework pair I1.

Exercises

1. Fix move errors in a parser function.
2. Refactor helper functions to take ‘&str’ instead of ‘String’ where possible.
3. Implement ‘fn normalize_words(input: &str) -> Vec<String>’ with zero unnecessary clones.
4. Add tests for empty input and repeated spaces.