

Prompt-Powered Kickstart: Beginner's Toolkit for Rust 1. Title & Objective **Title:** Prompt-Powered Kickstart: A Beginner's Toolkit for Rust Programming Language **Objective:** Provide a beginner-friendly guide to install, run, and understand Rust using GenAI. 2. Quick Summary of the Technology Rust is a modern systems-level programming language focused on safety, speed, and concurrency. 3. System Requirements Windows/Mac/Linux VS Code (recommended) Rust toolchain (rustup) 4. Minimal Example Example Rust Program (main.rs): `fn main() { println!("Hello, Rust!"); }` 5. AI Prompt Journal Includes prompts used to learn and debug Rust setup. 6. Common Issues & Fixes Cargo command not found → reinstall rustup Toolchain missing → rustup toolchain install stable 7. References <https://www.rust-lang.org>