Same example in Rust

```
use std::sync::{Arc, Mutex};
use std::thread;
fn entry_point(data: Arc<Mutex<String>>, thread_id: i32) {
   let mut guard = data.lock().unwrap();
    guard.push_str("\(\beta\)");
   println!("Thread {}: {}", thread_id, *guard);
pub fn main() {
   let shared_data = Arc::new(Mutex::new(String::from("Hello threads")));
   let mut threads = Vec::new();
    const NUM_THREADS: i32 = 15;
   for i in 0..NUM_THREADS {
        // Clone the Arc for this thread
        let data_clone = Arc::clone(&shared_data);
        // Spawn the thread and store its handle
        let handle = thread::spawn(move | | {
            entry_point(data_clone, i);
        });
        threads.push(handle);
    for handle in threads {
        handle.join().unwrap();
```

Same example in Rust (with borrows)

```
use std::sync::Mutex;
use std::thread;
fn entry_point(data: &Mutex<String>, thread_id: i32) {
    let mut guard = data.lock().unwrap();
    guard.push str("\(\beta\)");
    println!("Thread {}: {}", thread_id, *guard);
pub fn main() {
   let shared data = Mutex::new(String::from("Hello threads"));
    const NUM THREADS: i32 = 15;
    // Use scope to ensure threads don't outlive our data
    thread::scope(|scope| {
        let mut threads = Vec::new();
        for i in 0..NUM THREADS {
            let local_data = &shared_data;
            let handle = scope.spawn(move | | {
                entry_point(local_data, i);
            });
            threads.push(handle);
        for handle in threads {
            handle.join().unwrap();
    });
```

Key changes made in this version:

- Removed Arc and now using direct references (&Mutex<String>)
- 2. Added thread::scope to ensure threads don't outlive the borrowed data
- 3. Changed the thread spawning to use scoped threads via scope spawn
- 4. Simplified the function signature of entry_point to take a reference
- 5. No more need for explicit cloning since we're using references