Practice 6. Stream API, Optional, and LocalDate

1. Use Stream API for data processing (15%).
2. Use Stream API inside REST endpoints to process and return filtered data (at least 2 /filter endpoints to get filtered data from Elasticsearch by request param/body by building custom queries (no need to build complicated ones)) (15%).
3. Implement lambda expressions & functional interfaces (10%).
4. Use Optional to handle null values safely (15%).
5. Work with LocalDate or LocalTime, or LocalDateTime (15%).
6. Compare sequential vs. parallel streams for performance (10%).
7. Apply reduction operations with reduce() (5%).
8. Group and partition data using Collectors (10%).
9. Write JUnit tests for Java 8 features, coverage must be at least 85% (10%).
10. Push to Git branch (0%).