

- 31. Add a holiday calendar so due dates skip weekends/holidays.
- 32. Allow books to be reserved: if a book is borrowed, the next member can queue for it.
- 33. Implement a renewal system where members can extend due dates only once.
- 34. Track and print a monthly report of top borrowed books.

F. Performance & Optimization

- 35. Use generators to lazily iterate through all books instead of storing them in memory.
- 36. Profile the system using cProfile and identify bottlenecks.
- 37. Cache frequently accessed books using `functools.lru_cache`.
- 38. Write a function that uses multiprocessing to simulate 100 members borrowing simultaneously.
- 39. Replace normal dictionaries with `collections.defaultdict` or `OrderedDict` where applicable.
- 40. Benchmark file vs JSON persistence performance with large data (10,000+ books).