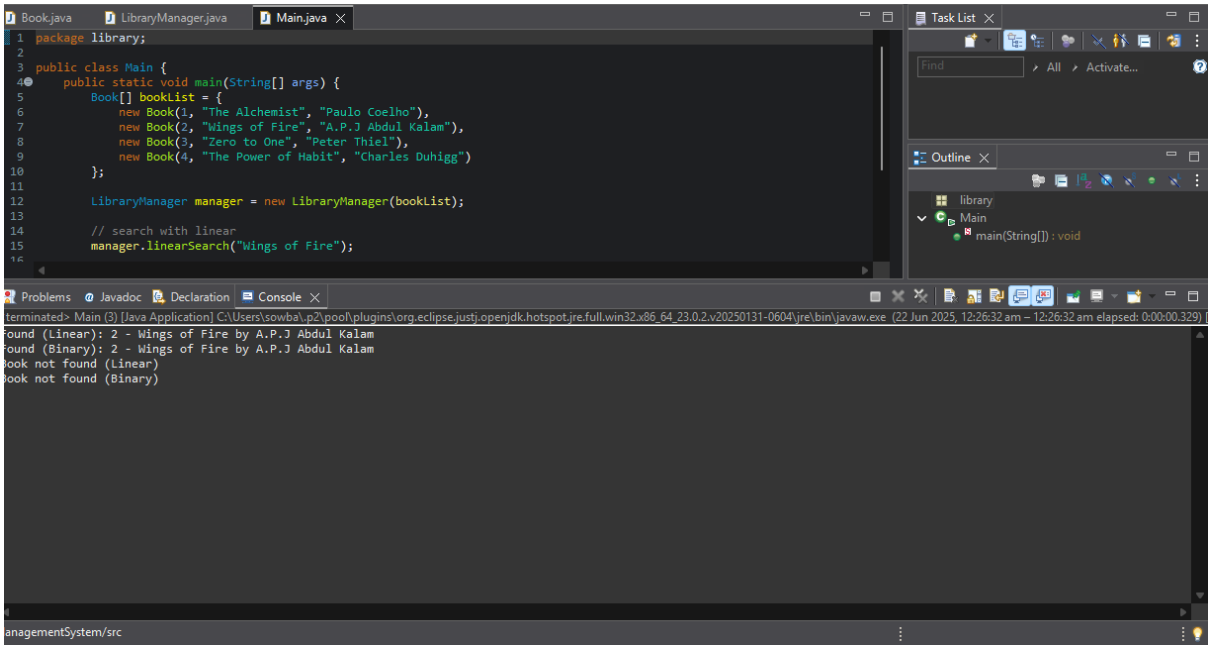
Exercise 6: Library Management System

OUTPUT:



In the Library Management System, linear search works for unsorted data, but binary search is faster (O(log n)) and ideal for sorted book lists. Choosing the right search algorithm based on data size and order improves search efficiency and user experience.