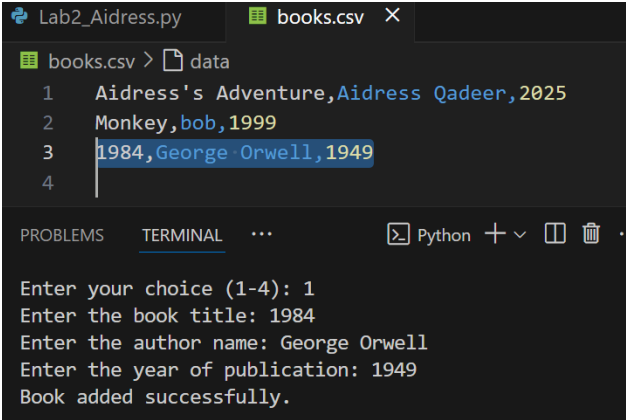
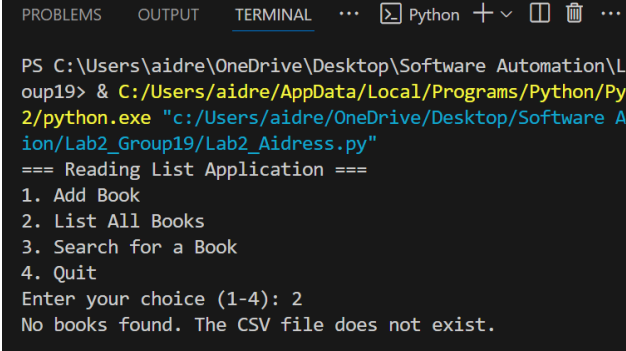
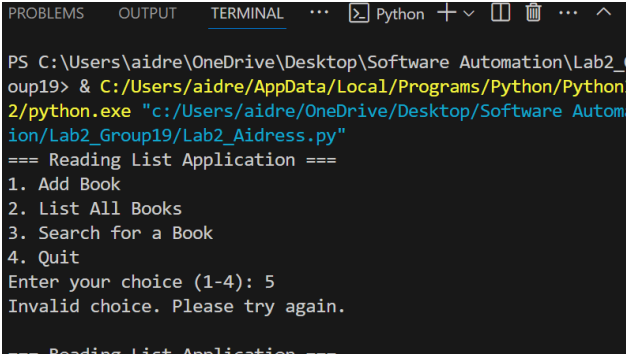
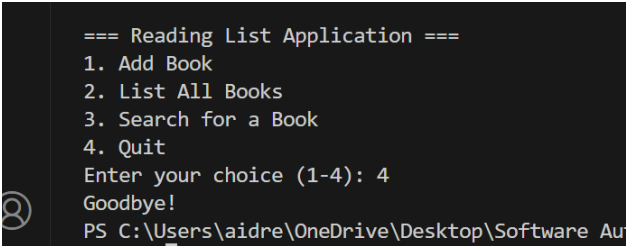
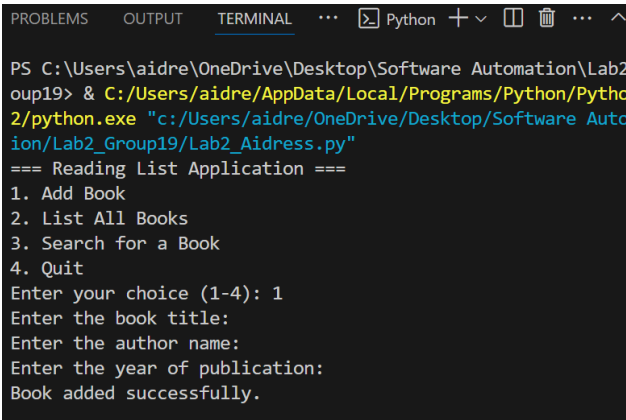
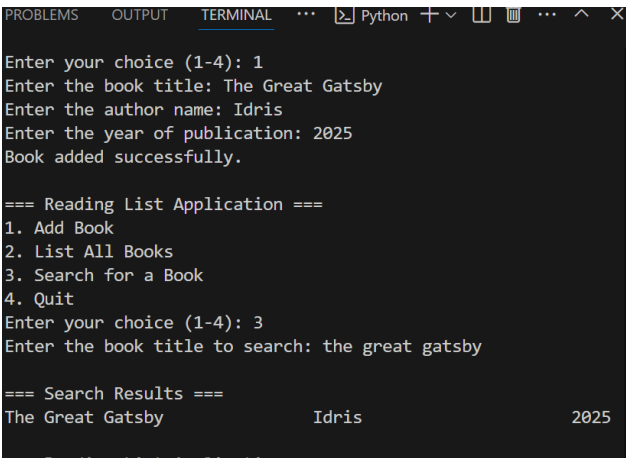


Test Case	Description	Input	Actual Output	Screenshot
Test Case 1	Add a valid book entry	Title: "1984", Author: "George Orwell", Year: "1949"	"Book added successfully" message and the entry appears in CSV	 <pre> Lab2_Aidress.py books.csv X books.csv > data 1 Aadress's Adventure,Aidress Qadeer,2025 2 Monkey,bob,1999 3 1984,George Orwell,1949 4 PROBLEMS TERMINAL ... Python + - [] [X] Enter your choice (1-4): 1 Enter the book title: 1984 Enter the author name: George Orwell Enter the year of publication: 1949 Book added successfully. </pre>
Test Case 2	List books when CSV file does not exist	Select "List Books" when CSV file is missing	"No books found. The CSV file does not exist."	 <pre> PROBLEMS OUTPUT TERMINAL ... Python + - [] [X] ... PS C:\Users\aidre\OneDrive\Desktop\Software Automation\Lab2_Group19> & C:/Users/aidre/AppData/Local/Programs/Python/Python39-6/python.exe "c:/Users/aidre/OneDrive/Desktop/Software Automation/Lab2_Group19/Lab2_Aidress.py" === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 2 No books found. The CSV file does not exist. </pre>

Test Case 3	List books with one entry	Add one book then select "List Books"	A formatted table displaying the header and one book entry	<pre> === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 2 === Reading List === Title Author Year ----- Aidress's Adventure Aidress Qadeer 2025 Monkey bob 1999 1984 George Orwell 1949 Test Case 3 TC 2025 </pre>
Test Case 4	Search for an existing book	Search title: "1984"	Matching book details displayed	<pre> PS C:\Users\aidre\OneDrive\Desktop\Software Automation\Lab2_Group19> & C:/Users/aidre/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/aidre/OneDrive/Desktop/Software Automation/Lab2_Group19/Lab2_Aidress.py" === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 3 Enter the book title to search: 1984 === Search Results === 1984 George Orwell 1949 </pre>

Test Case 7	Invalid menu option input	Input an option outside 1-4 (e.g., "5")	"Invalid choice. Please try again." message	 <pre> PROBLEMS OUTPUT TERMINAL ... Python + - PS C:\Users\aidre\OneDrive\Desktop\Software Automation\Lab2_Group19> & C:/Users/aidre/AppData/Local/Programs/Python/Python2/python.exe "c:/Users/aidre/OneDrive/Desktop/Software Automation/Lab2_Group19/Lab2_Aidress.py" === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 5 Invalid choice. Please try again. </pre>
Test Case 8	Quit the application	Select "Quit" from the menu	"Goodbye!" message and program termination	 <pre> === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 4 Goodbye! PS C:\Users\aidre\OneDrive\Desktop\Software Automation\Lab2_Group19> </pre>
Test Case 9	Add a book with empty fields	Title: "", Author: "", Year: ""	"Book added successfully." message with an entry showing empty values	 <pre> PROBLEMS OUTPUT TERMINAL ... Python + - PS C:\Users\aidre\OneDrive\Desktop\Software Automation\Lab2_Group19> & C:/Users/aidre/AppData/Local/Programs/Python/Python2/python.exe "c:/Users/aidre/OneDrive/Desktop/Software Automation/Lab2_Group19/Lab2_Aidress.py" === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 1 Enter the book title: Enter the author name: Enter the year of publication: Book added successfully. </pre>

Test Case 10	Case-insensitive search	Search title: "the great gatsby" (with book added as "The Great Gatsby")	Matching book details are displayed regardless of case	 <pre>PROBLEMS OUTPUT TERMINAL ... Python + - [] [] ... ^ X Enter your choice (1-4): 1 Enter the book title: The Great Gatsby Enter the author name: Idris Enter the year of publication: 2025 Book added successfully. === Reading List Application === 1. Add Book 2. List All Books 3. Search for a Book 4. Quit Enter your choice (1-4): 3 Enter the book title to search: the great gatsby === Search Results === The Great Gatsby Idris 2025</pre>
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