Output

```
--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 2

ID | Title | Author | Total | Available
1 | Better than Movies | Lynn Painter | 4 | 3
2 | Data Structures Using C | Reema Thareja | 10 | 9
3 | Pride And Prejudice | Jane Austen | 5 | 4
4 | Let Us C | Yashavant Kanetkar | 7 | 7
5 | Introduction to Algorithms | Cormen, Leiserson, Rivest & Stein | 6 | 6
```

```
--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 4

ID | Name | Phone | Email
1 | Anushka Dubey | 7048612345 | anu1234@gmail.com
2 | anu | 23445664 | anus@gmail.com
3 | Nupur | 326872983 | nupur@gmail.com
4 | Japleen | 327889339 | japleen123@gmail.com
5 | aditya | 392837329 | adi123@gmail.com
```

--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 7

TID	BookID	MemberID	Issue	Due	Return	Fine
1	1	1	07/10/2025	21/10/2025	21/10/2025	0
2	2	1	12/09/2025	26/09/2025	30/09/2025	8
3	2	3	23/09/2025	07/10/2025	23/10/2025	32
4	1	3	15/09/2025	29/09/2025	30/09/2025	2
5	5	1	13/09/2025	27/09/2025	30/09/2025	6

AI Predictor

```
--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 8

--- Smart Fine Prediction ---
Enter Member ID: 1
Average Fine: 4.67
Prediction: LIKELY on-time return ✅

--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 8

--- Smart Fine Prediction ---
Enter Member ID: 2
Member has no fine history. Prediction: On-time return ✅
```

```
--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 8

--- Smart Fine Prediction ---
Enter Member ID: 3
Average Fine: 17.00
Prediction: LIKELY late return ⚠️

--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 8

--- Smart Fine Prediction ---
Enter Member ID: 4
Member has no fine history. Prediction: On-time return ✅
```

```
--- Library Fine Calculator ---
1. Add Book
2. View Books
3. Add Member
4. View Members
5. Issue Book (Auto 14-day Due Date)
6. Return Book
7. View Transactions
8. Predict Late Return (AI Feature)
9. Exit
Enter choice: 8

--- Smart Fine Prediction ---
Enter Member ID: 5
Member has no fine history. Prediction: On-time return ✅
```