

OUTPUT

=====WELCOME TO VIT-BHOPAL- LIBRARY MANAGEMENT=====

* NEW USER CREATE AN ACCOUNT *

Enter the name of the user: NIVETAA T

Enter the user ID: 25BAI10145

| Name | User_ID |
|-----------|------------|
| NIVETAA T | 25BAI10145 |

| ACCOUNT CREATED SUCCESSFULLY ||

| book_id | book_name | author_name | Status |
|---------|-------------------------|-------------|-----------|
| 101 | CALCULAS | B.S. GREWEL | Available |
| 102 | COMP_CHEMISTRY | ALEXANDAR | Available |
| 103 | EEE | BATTACHARYA | Available |
| 104 | EFFECTIVE COMMUNICATION | G.V.PRAKASH | Available |
| 105 | THE_DOWNTOWN_CITY | GERONIMO | Available |
| 106 | THE GREAT BRITAN | RAMCHARAN | Available |
| 107 | THE LION KING | HIT MAN | Available |
| 108 | THE TALE OF GALLET | VK DAS | Available |

=====WELCOME TO VIT-BHOPAL- LIBRARY MANAGEMENT=====

- 1) ADD BOOK
 - 2) SHOW ALL BOOK
 - 3) REMOVE BOOK
 - 4) BORROW A BOOK
 - 5) RETURN A BOOK
 - 6) Exit
-

=====WELCOME TO VITI-BHOPAL- LIBRARY MANAGEMENT=====

- 1) ADD BOOK
- 2) SHOW ALL BOOK
- 3) REMOVE BOOK
- 4) BORROW A BOOK
- 5) RETURN A BOOK
- 6) Exit

Enter Your Choice: 1

==== Add New Book ===

Enter The Book Name: THE TIGER KING

Enter The Author Name: NS CHAITANYA

Successfully added

| book_id | book_name | author_name | Status |
|---------|-------------------------|--------------|-----------|
| 101 | CALCULAS | B.S. GREWEL | Available |
| 102 | COMP_CHEMISTRY | ALEXANDAR | Available |
| 103 | EEE | BATTACHARYA | Available |
| 104 | EFFECTIVE COMMUNICATION | G.V.PRAKASH | Available |
| 105 | THE_DOWNTOWN_CITY | GERONIMO | Available |
| 106 | THE GREAT BRITAN | RAMCHARAN | Available |
| 107 | THE LION KING | HIT MAN | Available |
| 108 | THE TALE OF GALLET | VK DAS | Available |
| 109 | THE TIGER KING | NS CHAITANYA | Available |

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- 1) ADD BOOK
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- 3) REMOVE BOOK
- 4) BORROW A BOOK
- 5) RETURN A BOOK
- 6) Exit

Enter Your Choice: 2

==== Displaying Available Books ===

The Books Present In Library:

| book_id | book_name | author_name | Status |
|---------|-------------------------|--------------|-----------|
| 101 | CALCULAS | B.S. GREWEL | Available |
| 102 | COMP_CHEMISTRY | ALEXANDAR | Available |
| 103 | EEE | BATTACHARYA | Available |
| 104 | EFFECTIVE COMMUNICATION | G.V.PRAKASH | Available |
| 105 | THE_DOWNTOWN_CITY | GERONIMO | Available |
| 106 | THE GREAT BRITAN | RAMCHARAN | Available |
| 107 | THE LION KING | HIT MAN | Available |
| 108 | THE TALE OF GALLET | VK DAS | Available |
| 109 | THE TIGER KING | NS CHAITANYA | Available |

=====WELCOME TO VIT-BHOPAL- LIBRARY MANAGEMENT=====

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- 4) BORROW A BOOK
- 5) RETURN A BOOK
- 6) Exit

Enter Your Choice: 3

Enter the Book Name to delete: THE TIGER KING

Updated DataFrame:

| book_id | book_name | author_name | Status |
|---------|-------------------------|-------------|-----------|
| 101 | CALCULAS | B.S. GREWEL | Available |
| 102 | COMP_CHEMISTRY | ALEXANDAR | Available |
| 103 | EEE | BATTACHARYA | Available |
| 104 | EFFECTIVE COMMUNICATION | G.V.PRAKASH | Available |
| 105 | THE_DOWNTOWN_CITY | GERONIMO | Available |
| 106 | THE GREAT BRITAN | RAMCHARAN | Available |
| 107 | THE LION KING | HIT MAN | Available |
| 108 | THE TALE OF GALLET | VK DAS | Available |

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- 6) Exit

Enter Your Choice: 4

==== Borrow A New Book ===

Enter The Book Name: EEE

Book Found! Please provide details.

Enter The Book Borrowing Date (YYYY-MM-DD): 2025-10-26

Enter The Book Due Date (YYYY-MM-DD): 2025-11-11

YOU BORROWED A BOOK , THANK YOU

--- UPDATED LIBRARY BOOKS ---

| book_id | book_name | author_name | Status | Borrow_Time | Due_Time |
|---------|-----------|-------------|----------|-------------|------------|
| 103 | EEE | BATTACHARYA | Borrowed | 2025-10-26 | 2025-11-11 |

=====WELCOME TO VIT-BHOPAL- LIBRARY MANAGEMENT=====

- 1) ADD BOOK
- 2) SHOW ALL BOOK
- 3) REMOVE BOOK
- 4) BORROW A BOOK
- 5) RETURN A BOOK
- 6) Exit

Enter Your Choice: 5

===== To Return The Borrowed Book =====

Enter The Book Name to return: EEE

Book EEE has been returned successfully!

--- UPDATED LIBRARY BOOKS ---

| book_id | book_name | author_name | Status | Borrow_Time | Due_Time |
|---------|-------------------------|-------------|-----------|-------------|------------|
| 101 | CALCULAS | B.S. GREWEL | Available | NaN | NaN |
| 102 | COMP_CHEMISTRY | ALEXANDAR | Available | NaN | NaN |
| 103 | EEE | BATTACHARYA | Available | 2025-10-26 | 2025-11-11 |
| 104 | EFFECTIVE COMMUNICATION | G.V.PRAKASH | Available | NaN | NaN |
| 105 | THE_DOWNTOWN_CITY | GERONIMO | Available | NaN | NaN |
| 106 | THE GREAT BRITAN | RAMCHARAN | Available | NaN | NaN |
| 107 | THE LION KING | HIT MAN | Available | NaN | NaN |
| 108 | THE TALE OF GALLET | VK DAS | Available | NaN | NaN |

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- 1) ADD BOOK
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- 3) REMOVE BOOK
- 4) BORROW A BOOK
- 5) RETURN A BOOK
- 6) Exit

Enter Your Choice: 6

Thank you for using the Library Management System!