

LIBRARY MANAGEMENT SYSYTEM

DISPLAYS

1. RETRIEVING THE BOOK TITLE, CATEGORY, AND RENTAL PRICE OF ALL AVAILABLE BOOKS.

| | BOOK_TITLE | CATEGORY | RENTAL_PRICE |
|---|-------------------------------|-------------|--------------|
| ► | Clean Code | Programming | 15.99 |
| | The Great Gatsby | Fiction | 12.5 |
| | The Alchemist | Adventure | 14.99 |
| | 1984 | History | 13.75 |
| | Java Concurrency in Practice | Programming | 23.99 |
| | Becoming | Fantasy | 16.5 |
| | Sapiens: History of Humankind | Non-Fiction | 18.99 |

2. LISTING THE EMPLOYEE NAMES AND THEIR RESPECTIVE SALARIES IN DESCENDING ORDER OF SALARY.

| | EMP_NAME | SALARY |
|---|-----------------|--------|
| ► | Isaac Newton | 80000 |
| | Alice Johnson | 75000 |
| | Hannah Baker | 72000 |
| | Diana Prince | 60000 |
| | Ethan Hunt | 55000 |
| | George Martin | 52000 |
| | Charlie Brown | 50000 |
| | Julia Roberts | 42000 |
| | Bob Smith | 40000 |
| | Fiona Gallagher | 35000 |

3. RETRIEVING THE BOOK TITLES AND THE CORRESPONDING CUSTOMERS WHO HAVE ISSUED THOSE BOOKS.

| | ISBN | BOOK_TITLE | CUSTOMER_NAME |
|---|------|-------------------------------|---------------|
| ► | 12 | Harry Potter Sorcerer's Stone | Bob Johnson |
| | 18 | The Fault in Our Stars | Charlie Brown |
| | 12 | Harry Potter Sorcerer's Stone | Hannah Baker |
| | 13 | The Alchemist | Diana Prince |
| | 16 | Java Concurrency in Practice | Ethan Hunt |
| | 11 | The Great Gatsby | Isaac Newton |

4. DISPLAYING THE TOTAL COUNT OF BOOKS IN EACH CATEGORY.

| | CATEGORY | TOTAL_BOOKS |
|---|-------------|-------------|
| ► | Programming | 2 |
| | Fiction | 2 |
| | Fantasy | 2 |
| | Adventure | 1 |
| | History | 1 |
| | Thriller | 1 |
| | Non-Fiction | 1 |

5. RETRIEVING THE EMPLOYEE NAMES AND THEIR POSITIONS FOR THE EMPLOYEES WHOSE SALARIES ARE ABOVE RS.50,000.

| | EMP_NAME | POSITION | SALARY |
|---|---------------|------------|--------|
| ► | Alice Johnson | Manager | 75000 |
| | Diana Prince | HR | 60000 |
| | Ethan Hunt | Technician | 55000 |
| | George Martin | Sales | 52000 |
| | Hannah Baker | Manager | 72000 |
| | Isaac Newton | Analyst | 80000 |

6. LISTING THE CUSTOMER NAMES WHO REGISTERED BEFORE 2022-01-01 AND HAVE NOT ISSUED ANY BOOKS YET.

| | CUSTOMER_NAME | REG_DATE |
|---|---------------|------------|
| ▶ | Alice Smith | 2015-05-10 |
| | Bob Johnson | 2016-07-15 |
| | Charlie Brown | 2017-09-20 |
| | Diana Prince | 2018-11-25 |
| | Ethan Hunt | 2019-03-30 |
| | George Martin | 2021-01-19 |

7. DISPLAYING THE BRANCH NUMBERS AND THE TOTAL COUNT OF EMPLOYEES IN EACH BRANCH.

| | BRANCH_NO | TOTAL_EMPLOYEES |
|---|-----------|-----------------|
| ▶ | 1 | 4 |
| | 2 | 6 |

8. DISPLAYING THE NAMES OF CUSTOMERS WHO HAVE ISSUED BOOKS IN THE MONTH OF JUNE 2023.

| | CUSTOMER_NAME | ISSUE_DATE |
|---|---------------|------------|
| ▶ | Bob Johnson | 2023-06-14 |
| | Ethan Hunt | 2023-06-25 |

9. RETRIEVING BOOK_TITLE FROM BOOK TABLE CONTAINING HISTORY.

| | BOOK_TITLE | CATEGORY |
|---|------------|----------|
| ▶ | 1984 | History |

10. RETRIEVING THE BRANCH NUMBERS ALONG WITH THE COUNT OF EMPLOYEES FOR BRANCHES HAVING MORE THAN 5 EMPLOYEES

| | BRANCH_NO | EMPLOYEE_COUNT |
|---|-----------|----------------|
| ▶ | 2 | 6 |

11. RETRIEVING THE NAMES OF EMPLOYEES WHO MANAGE BRANCHES AND THEIR RESPECTIVE BRANCH ADDRESSES.

| | BRANCH_NO | MANAGER | BRANCH_ADDRESS |
|---|-----------|---------------|----------------|
| ▶ | 1 | Alice Johnson | 123 Main St |
| | 2 | Hannah Baker | 456 Side St |

12. DISPLAYING THE NAMES OF CUSTOMERS WHO HAVE ISSUED BOOKS WITH A RENTAL PRICE HIGHER THAN RS. 15.

| | CUSTOMER_NAME | BOOK_TITLE | RENTAL_PRICE |
|---|---------------|------------------------------|--------------|
| ▶ | Ethan Hunt | Java Concurrency in Practice | 23.99 |