Module End Project

Library Management System

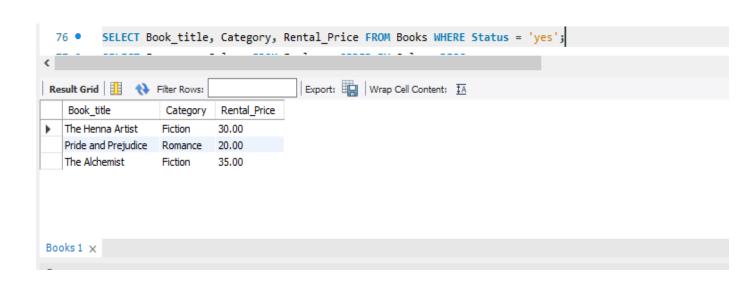
```
CREATE DATABASE IF NOT EXISTS library;
  2 • USE library;
  3 • ○ CREATE TABLE Branch (
             Branch_no INT PRIMARY KEY,
         Manager_Id INT,
             Branch_address VARCHAR(255),
  7
             Contact_no VARCHAR(20)
  8
  9 • ⊖ CREATE TABLE Employee (
 10
             Emp_Id INT PRIMARY KEY AUTO_INCREMENT,
 11
             Emp_name VARCHAR(50),
            Position VARCHAR(50),
 12
            Salary DECIMAL(10, 2),
 13
             Branch no INT,
 14
             FOREIGN KEY (Branch_no) REFERENCES Branch(Branch_no)
 15
Output
Action Output
                                                                                                                                                     Duration / Fetch
    1 15:17:05 CREATE DATABASE IF NOT EXISTS library
                                                                                  1 row(s) affected
                                                                                                                                                     0.094 sec
                                                                                  0 row(s) affected
                                                                                                                                                     0.000 sec
2 15:17:05 USE library
3 15:17:05 CREATE TABLE Branch ( Branch_no INT PRIMARY KEY, Manager_ld INT, Branc... 0 row(s) affected
4 15:17:05 CREATE TABLE Employee ( Emp_Id INT PRIMARY KEY AUTO_INCREMENT, Emp_... 0 row(s) affected
                                                                                                                         Activate Windows
                                                                                                                                                     0.078 sec
                                                                                                                         Go to Settings to activate Windows.
```

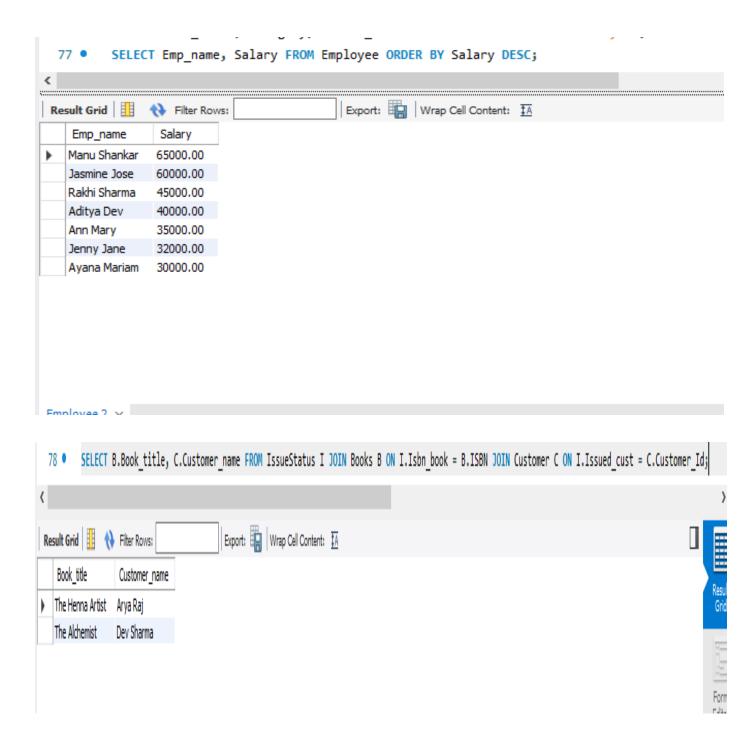
```
17 ● ⊖ CREATE TABLE Books (
  18
              ISBN VARCHAR(20) PRIMARY KEY,
              Book title VARCHAR(255),
  19
  20
              Category VARCHAR(50),
              Rental_Price DECIMAL(10, 2),
  21
              Status VARCHAR(3) CHECK (Status IN ('yes', 'no')),
  22
              Author VARCHAR(100),
  23
              Publisher VARCHAR(100)
  24
  25
         );
  26 ● ○ CREATE TABLE Customer (
  27
              Customer_Id INT PRIMARY KEY AUTO_INCREMENT,
              Customer_name VARCHAR(100),
  28
  29
              Customer address VARCHAR(255),
              Reg_date DATE
  30
  31
  32 • ⊖ CREATE TABLE IssueStatus (
               Teens TH THE DETMANY MEN AUTO THENEMENT
Output
Action Output
       Time
                                                                                     Message
                                                                                                                                                          Duration / Fetch
   2 15:17:05 USE library
                                                                                     0 row(s) affected
                                                                                                                                                         0.000 sec
     3 15:17:05 CREATE TABLE Branch ( Branch_no INT PRIMARY KEY, Manager_ld INT, Bran... 0 row(s) affected
                                                                                                                                                         0.203 sec
4 15:17:05 CREATE TABLE Employee ( Emp Id INT PRIMARY KEY AUTO INCREMENT, Emp... 0 row(s) affected
                                                                                                                                                          0.078 sec
                                                                                                                               Activate Windows 0.062 sec
      5 15:19:26 CREATE TABLE Books ( ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHA... 0 row(s) affected
6 15:19:26 CREATE TABLE Customer ( Customer_Id INT PRIMARY KEY AUTO_INCREMENT, ... 0 row(s) affected
                                                                                                                               Go to Settings to activate 0.047 seews.
```

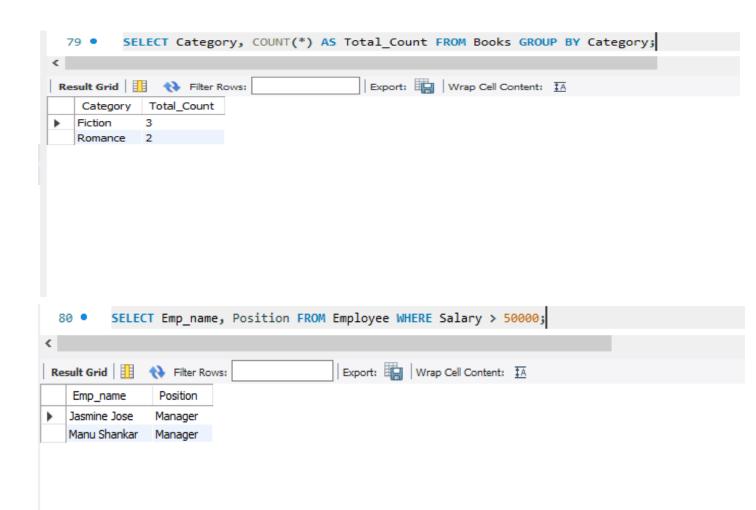
```
32 • ⊖ CREATE TABLE IssueStatus (
 33
              Issue_Id INT PRIMARY KEY AUTO_INCREMENT,
              Issued_cust INT,
 34
              Issued_book_name VARCHAR(255),
 35
 36
              Issue_date DATE,
 37
              Isbn_book VARCHAR(20),
              FOREIGN KEY (Issued_cust) REFERENCES Customer(Customer_Id),
 38
              FOREIGN KEY (Isbn_book) REFERENCES Books(ISBN)
 39
  40
         );
 41 • ⊖ CREATE TABLE ReturnStatus (
              Return_Id INT PRIMARY KEY AUTO_INCREMENT,
 42
 43
              Return_cust INT,
 44
              Return book name VARCHAR(255),
              Return date DATE,
 45
              Isbn book2 VARCHAR(20),
 46
 47
              FOREIGN KEY (Return_cust) REFERENCES Customer(Customer_Id),
              FOREIGN KEY (Isbn book2) REFERENCES Books(ISBN)
  48
 49
<
Output
Action Output
       Time
                                                                                                                                                         Duration / Fetch
                 Action
     5 15:19:26 CREATE TABLE Books ( ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHA... 0 row(s) affected
                                                                                                                                                         0.062 sec
6 15:19:26 CREATE TABLE Customer ( Customer_Id INT PRIMARY KEY AUTO_INCREMENT, ... 0 row(s) affected
                                                                                                                                                         0.047 sec
     7 15:20:39 CREATE TABLE IssueStatus ( Issue_Id INT PRIMARY KEY AUTO_INCREMENT, Is... 0 row(s) affected
                                                                                                                                                         0.063 sec
                                                                                                                              Go to Settings to activate
8 15:20:39 CREATE TABLE ReturnStatus ( Return_Id INT PRIMARY KEY AUTO_INCREMENT, ... 0 row(s) affected
                                                                                                                                                         0.047 sec
```

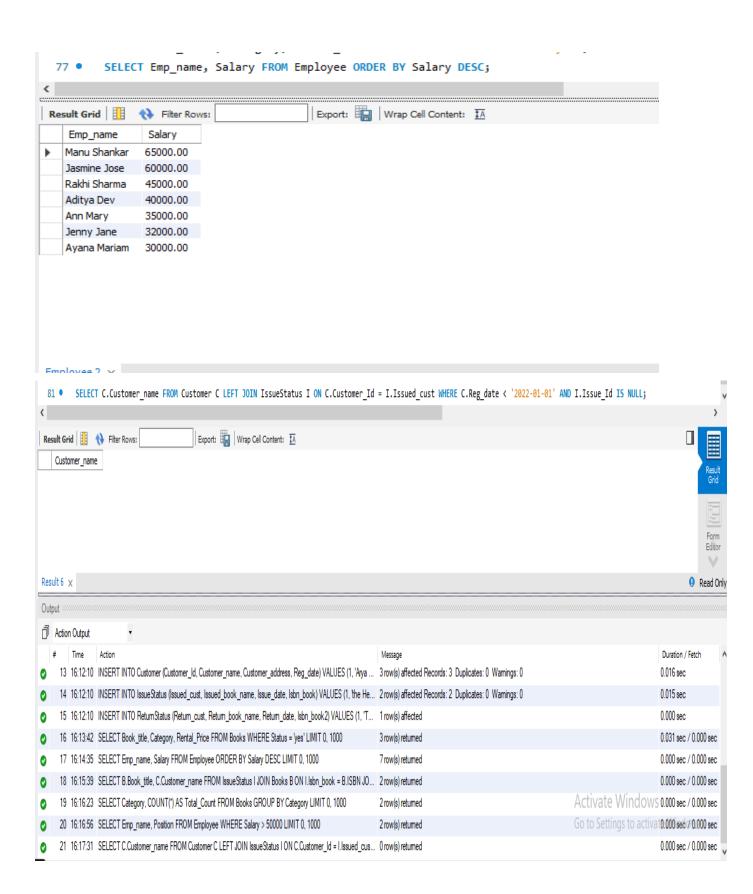
```
50 •
          INSERT INTO Branch (Branch no, Manager Id, Branch address, Contact no) VALUES
          (1, 101, 'Municipal Library , Kochi', '7566744343'),
  51
          (2, 102, 'Public Library, Kottayam', '7576465458');
  52
  53 •
          INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES
  54
          (1, 'Jasmine Jose', 'Manager', 60000, 1),
          (2, 'Rakhi Sharma', 'Librarian', 45000, 1),
  55
          (3, 'Ann Mary', 'Assistant', 35000, 1),
  56
  57
          (4, 'Manu Shankar', 'Manager', 65000, 2),
          (5, 'Aditya Dev', 'Librarian', 40000, 2),
  58
          (6, 'Ayana Mariam', 'Assistant', 30000, 2),
  59
          (7, 'Jenny Jane', 'Assistant', 32000, 2);
  60
          INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES
  61 •
  62
          ('1484100', 'The Henna Artist', 'Fiction', 30, 'yes', 'Alka Joshi', 'Mira Books'),
          ('4567897', 'The Great Gatsby', 'ROMANCE', 25, 'no', 'Author 2', 'Charles Scribner Sons'),
  63
          ('3456789', 'Pride and Prejudice', 'Romance', 20, 'yes', 'Jane Austen', 'T.Egerton'),
  64
          ('6543210', 'The Alchemist', 'Fiction', 35, 'yes', 'Paulo Coelho', 'HarperTorch'),
  65
          ('5432109', 'One Indian Girl', 'Fiction', 15, 'no', 'Chetan Bhagat', 'RUPA&Co');
  66
<
Output ::
Action Output
                 Action
                                                                                      Message
                                                                                                                                                           Duration / Fetch
      9 16:09:45 CREATE TABLE ReturnStatus ( Return Id INT PRIMARY KEY AUTO INCREMENT, ... 0 row(s) affected
                                                                                                                                                          0.047 sec
0 10 16:10:24 INSERT INTO Branch (Branch_no, Manager_ld, Branch_address, Contact_no) VALUES (... 2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0
                                                                                                                                                          0.328 sec
11 16:10:33 INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (1, '... 7 row(s) affected Records: 7 Duplicates: 0 Warnings: 0 Go to Settings to activate
                                                                                                                                                           0,219 sec
2 12 16:10:57 INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher... 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0
                                                                                                                                                          0.016 sec
```

```
INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES
          (1, 'Arya Raj', 'Jew Street, Kochi', '2021-12-15'),
 68
 69
         (2, 'priya Raghav', 'Bazar Road, Kochi', '2022-01-10'),
          (3, 'Dev Sharma', 'Garden Avenue, Ernakulam', '2023-06-20');
 70
 71 •
         INSERT INTO IssueStatus (Issued cust, Issued book_name, Issue_date, Isbn_book) VALUES
 72
          (1, 'the Henna Artist', '2023-05-10', '1484100'),
          (3, 'the Alchemist', '2023-06-15', '6543210');
 73
        INSERT INTO ReturnStatus (Return_cust, Return_book_name, Return_date, Isbn_book2) VALUES
          (1, 'The Henna Artist', '2023-05-20', '1484100');
         COLOCT BALL MILE CALLES BALLET BALL FROM BALL MICHO CALLS
Action Output
                 Action
        Time
                                                                                        Message
                                                                                                                                                                Duration / Fetch
   12 16:10:57 INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher... 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0
                                                                                                                                                               0.016 sec
   13 16:12:10 INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) V... 3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0 Activate Windows
                                                                                                                                                               0.016 sec
   14 16:12:10 INSERT INTO IssueStatus (Issued_cust, Issued_book_name, Issue_date, Isbn_book) VA... 2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0 Go to Settings to activate 0.015 securs.
                                                                                                                                                               0.000 sec
     15 16:12:10 INSERT INTO Return Status (Return cust, Return book name, Return date, Isbn book2... 1 row(s) affected
```

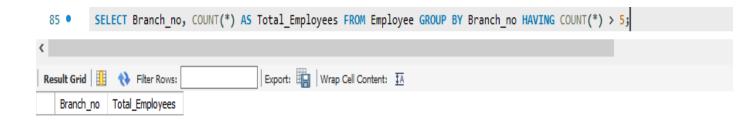












Result 13 🗶

