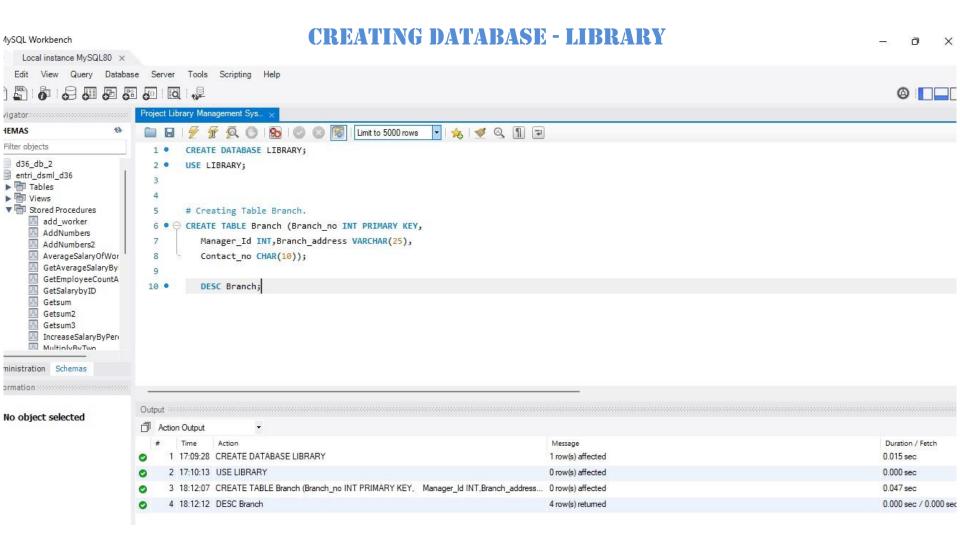
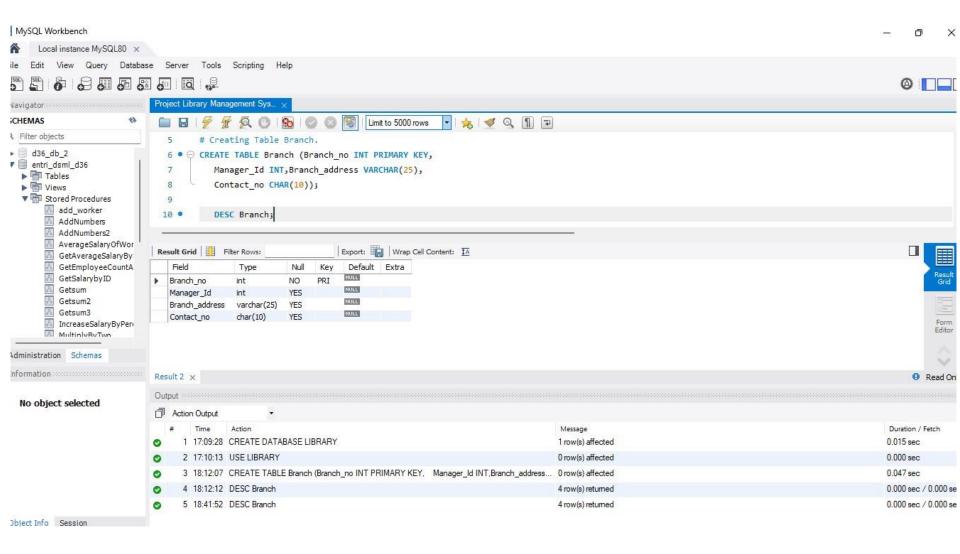
SQL PROJECT ON LIBRARY MANAGEMENT SYSTEM

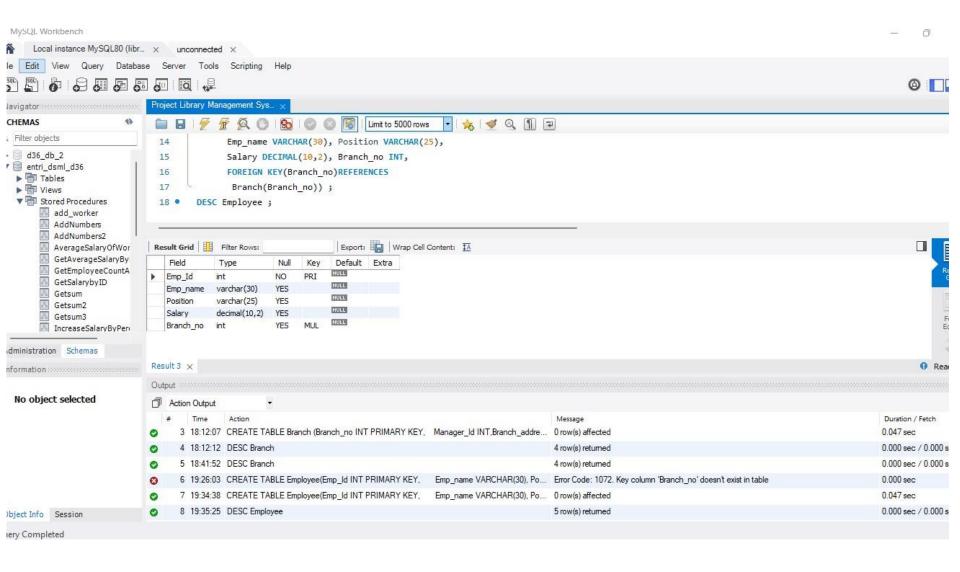
By Shino Mary Philipose



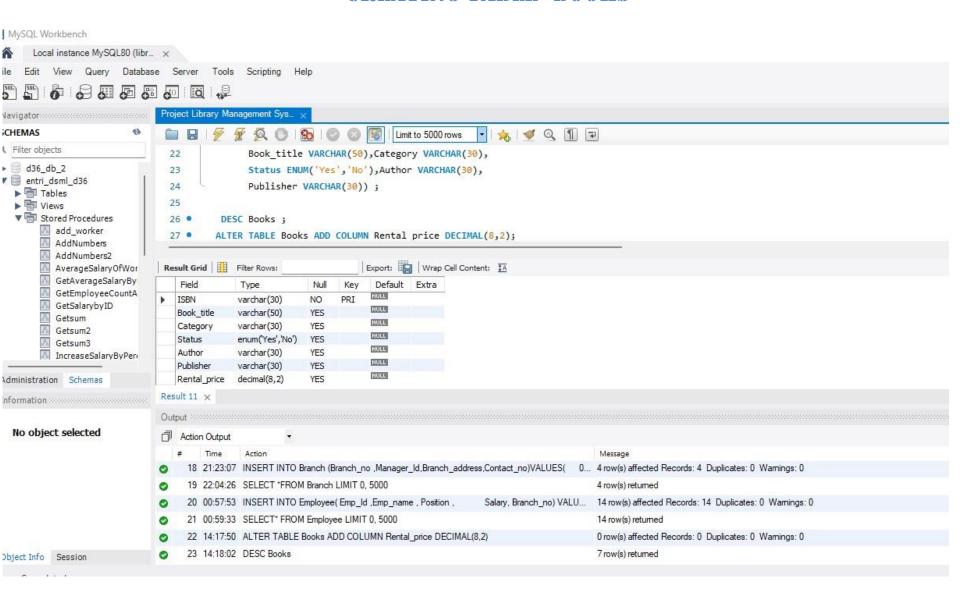
CREATING TABLE 'BRANCH'



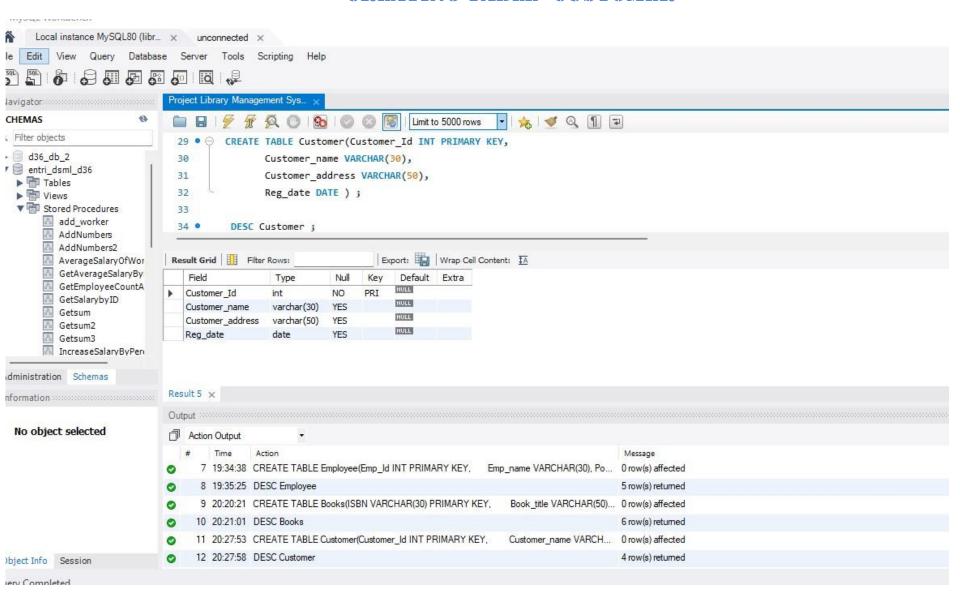
CREATING TABLE 'EMPLOYEE'



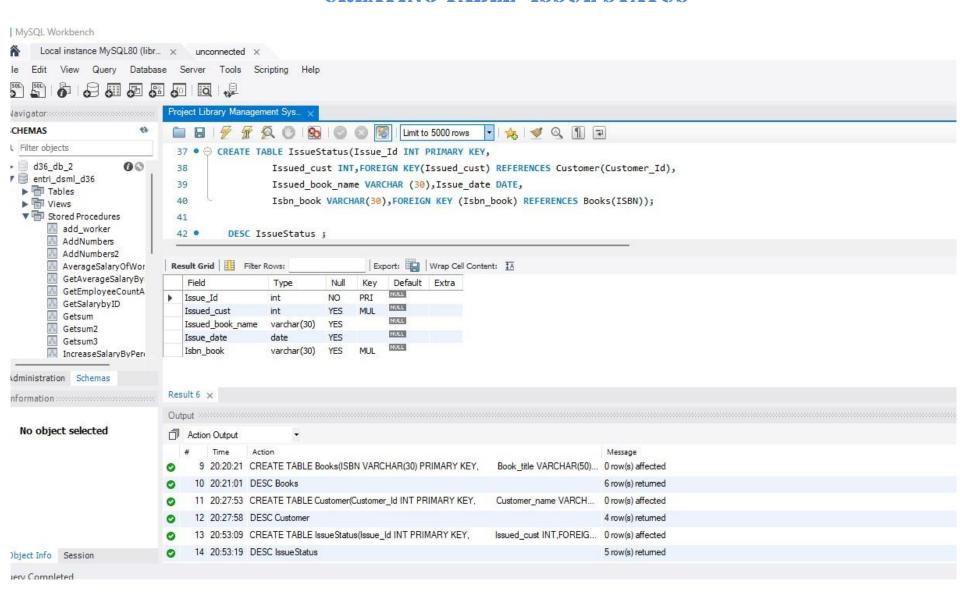
CREATING TABLE 'BOOKS'



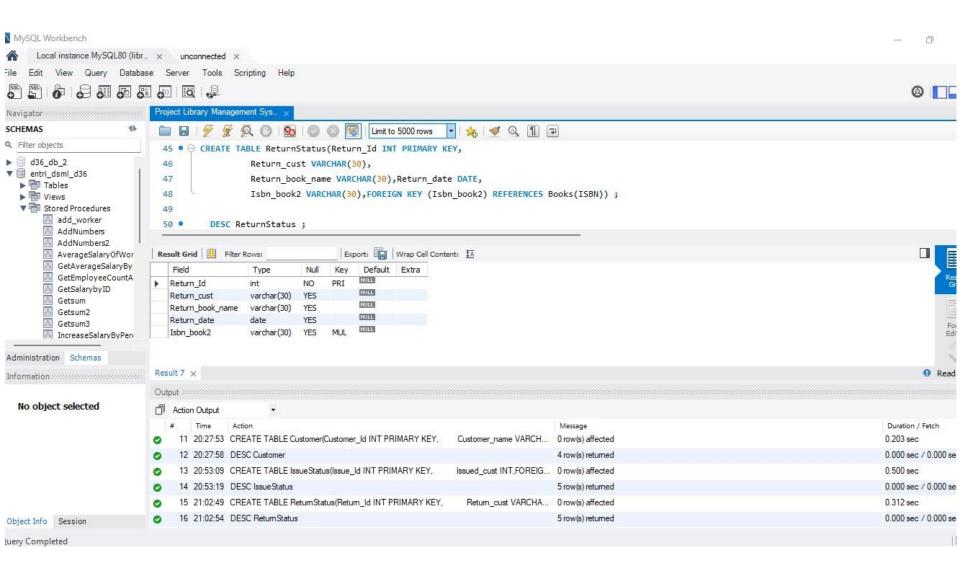
CREATING TABLE 'CUSTOMER'



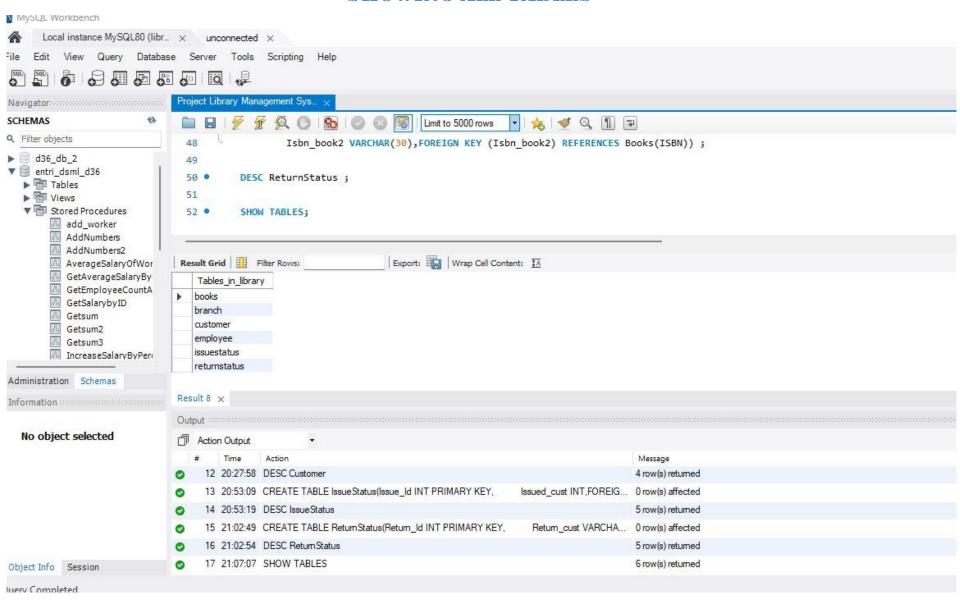
CREATING TABLE 'ISSUE STATUS'



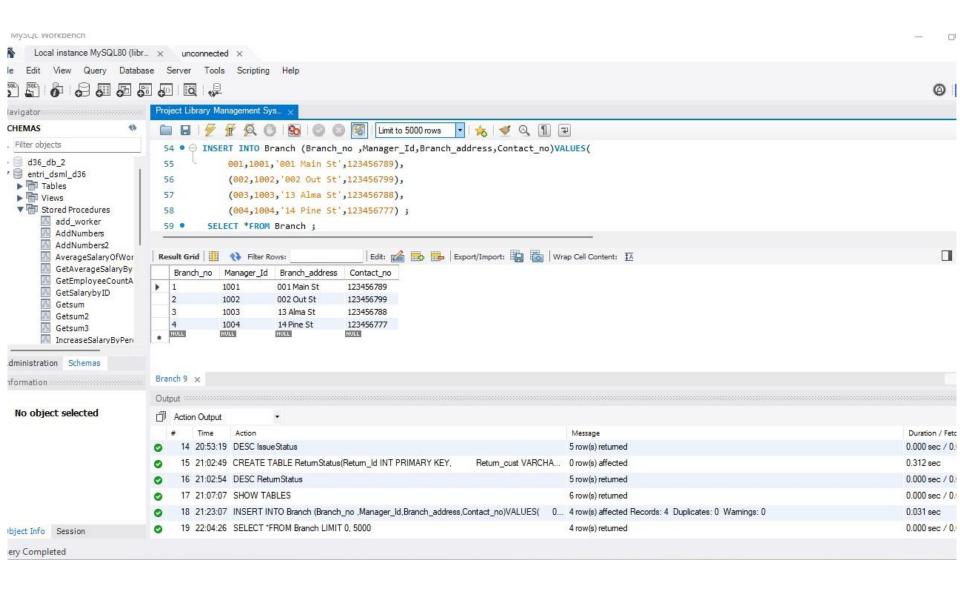
CREATING TABLE 'RETURN STATUS'



SHOWING ALL TABLES



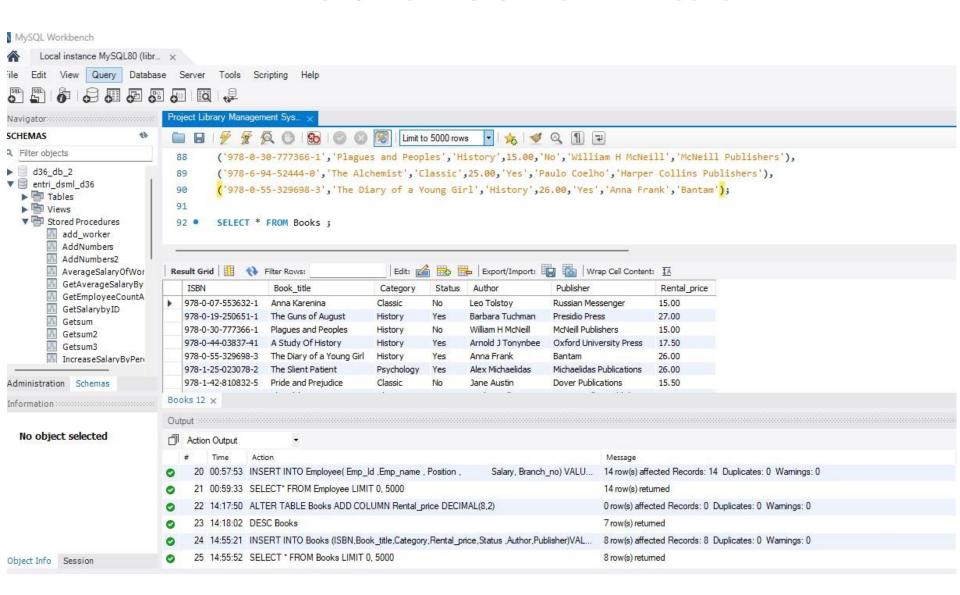
INSERTING VALUES INTO TABLE BRANCH



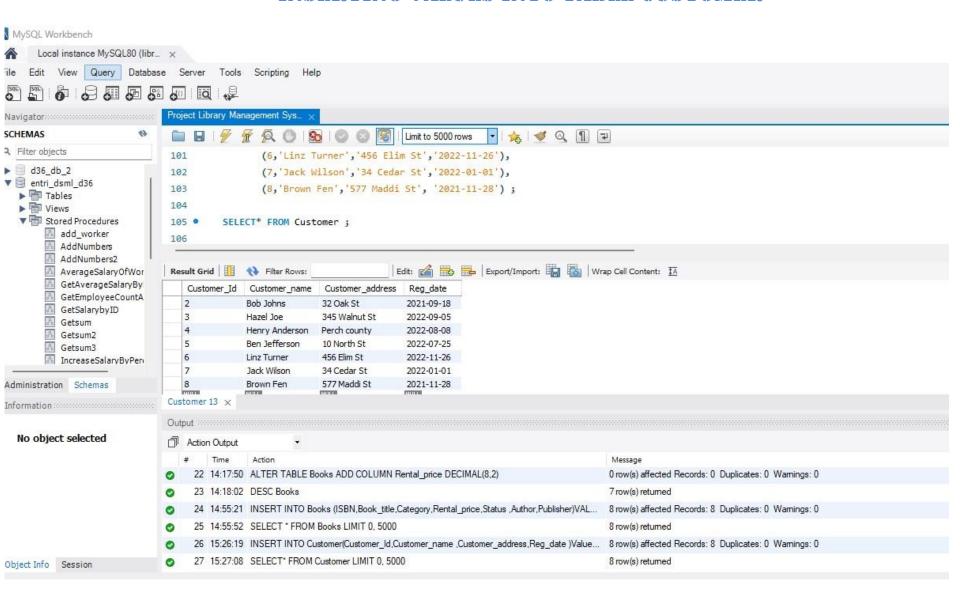
INSERTING VALUES INTO TABLE EMPLOYEE

lySQL Workbench Local instance MySQL80 (libr... × unconnected × Query Database Server Tools Scripting Help Q ,, Project Library Management Sys... rigator: **IEMAS** - 🙀 🦪 Q 🖣 🗊 Limit to 5000 rows Filter objects 73 (111, 'Brown Lee', 'Librarian', 68000.00,003), d36_db_2 74 (112, 'Mark Tyson', 'Manager', 75000.00,004), entri dsml d36 75 (113, 'Laura Fen', 'Librarian', 45000.00,004), ▶ 📅 Tables 76 (114, 'Philip Glen', 'Clerk', 35000.00,004); ▶ 🖶 Views ▼ 📅 Stored Procedures 77 add_worker 78 • SELECT* FROM Employee ; AddNumbers AddNumbers2 Edit: 🔏 📆 👺 Export/Import: 📳 🦝 Wrap Cell Content: 🟗 Result Grid Filter Rows: AverageSalaryOfWor GetAverageSalaryBy Emp_Id Emp name Position Salary Branch no GetEmployeeCountA 103 Sara John Librarian 70000.00 GetSalarybyID Mike Turner Clerk 104 35000.00 Getsum 105 Emil Joe Assistant 45000.00 1 Getsum2 106 Daniel Spencer Clerk 50000.00 Getsum3 107 Christopher Manager 80000.00 IncreaseSalaryByPero 108 Hazel Lee Assistant 35000.00 109 Emily Johnson 67000.00 2 ninistration Schemas Librarian Employee 10 × ormation accessorate accessorate accessorate No object selected Action Output Time Action Message 16 21:02:54 DESC ReturnStatus 0. 5 row(s) returned 17 21:07:07 SHOW TABLES 6 row(s) returned 0. 0. 18 21:23:07 INSERT INTO Branch (Branch_no ,Manager_ld,Branch_address,Contact_no)VALUES(0... 4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0 19 22:04:26 SELECT *FROM Branch LIMIT 0, 5000 4 row(s) returned 0. 20 00:57:53 INSERT INTO Employee(Emp_Id , Emp_name , Position , 14 row(s) affected Records: 14 Duplicates: 0 Warnings: 0 0. Salary, Branch_no) VALU... 0. 21 00:59:33 SELECT* FROM Employee LIMIT 0, 5000 14 row(s) returned ect Info Session y Completed

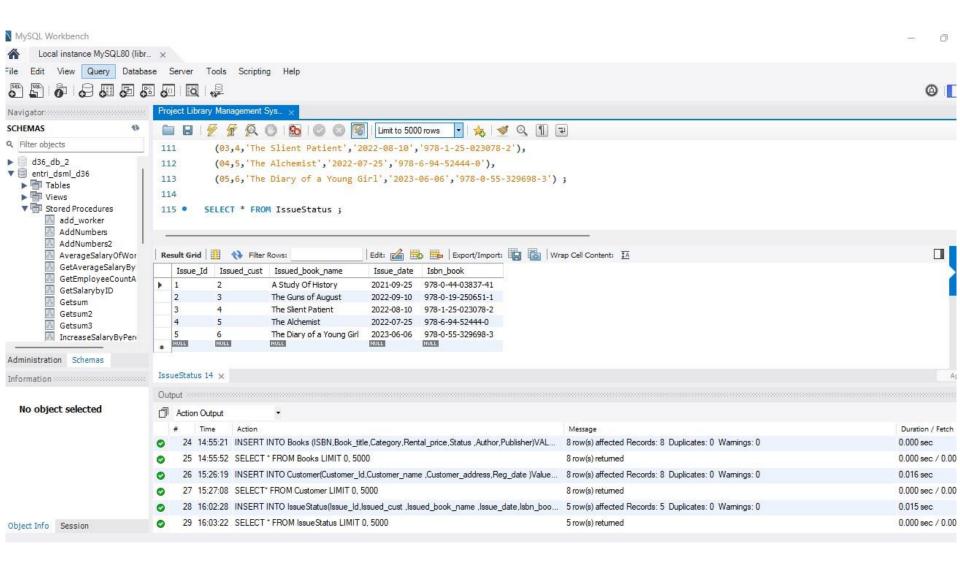
INSERTING VALUES INTO TABLE BOOKS



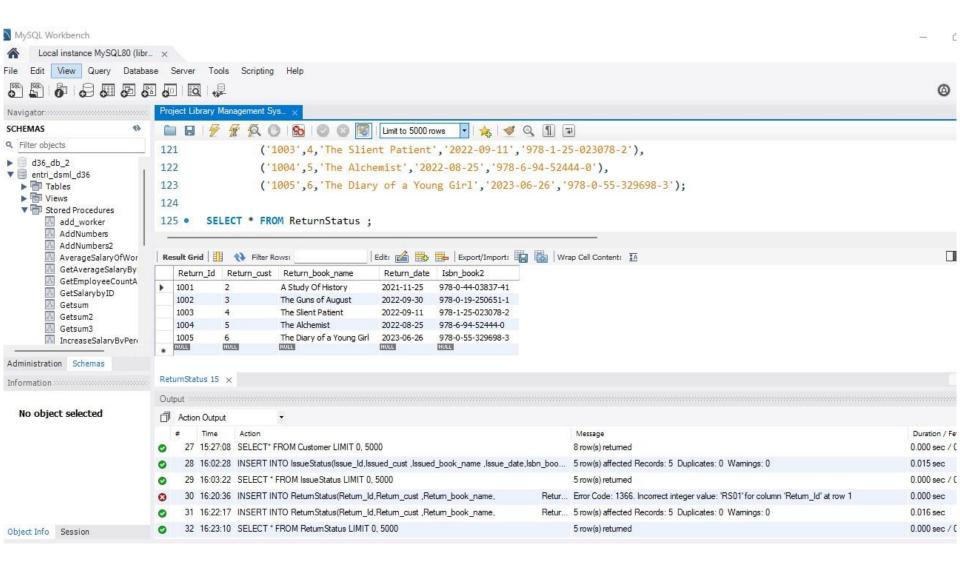
INSERTING VALUES INTO TABLE CUSTOMER



INSERTING VALUES INTO TABLE ISSUE STATUS

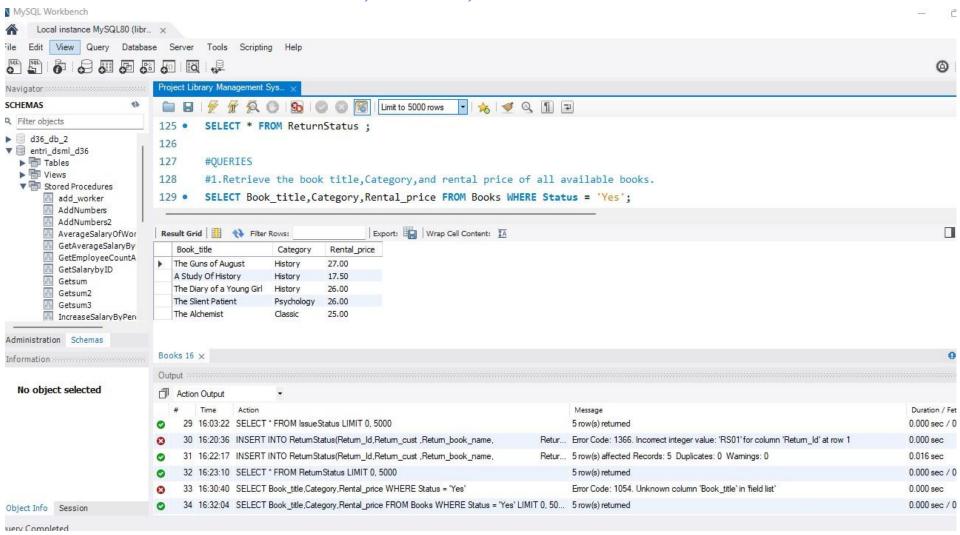


INSERTING VALUES INTO TABLE RETURN STATUS

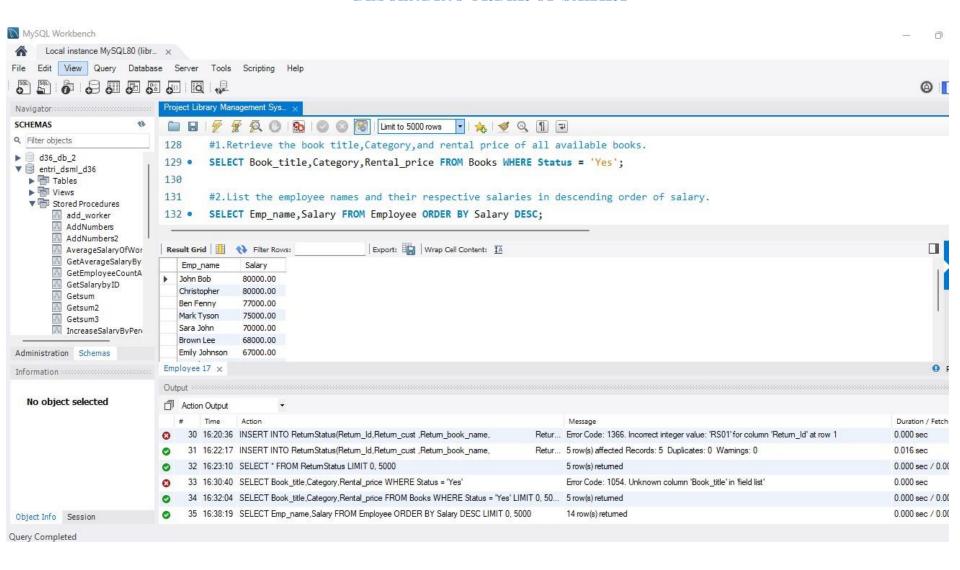


QUERIES:

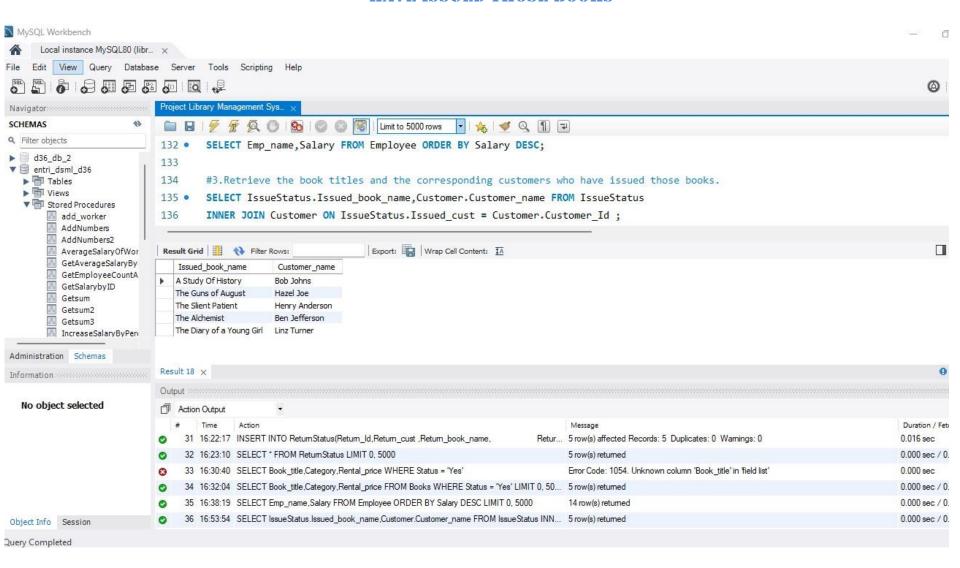
1. RETRIEVE BOOK TITLE, CATEGORY, RENTAL PRICE OF ALL AVAILABLE BOOKS



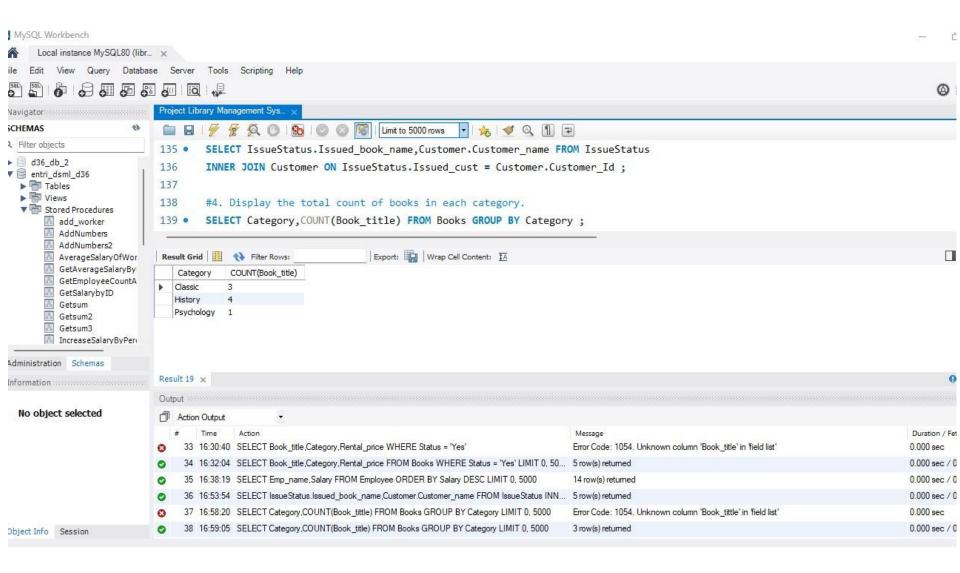
2. LIST THE EMPLOYEE NAMES AND THEIR RESPECTIVE SALARIES IN DESCENDING ORDER OF SALARY



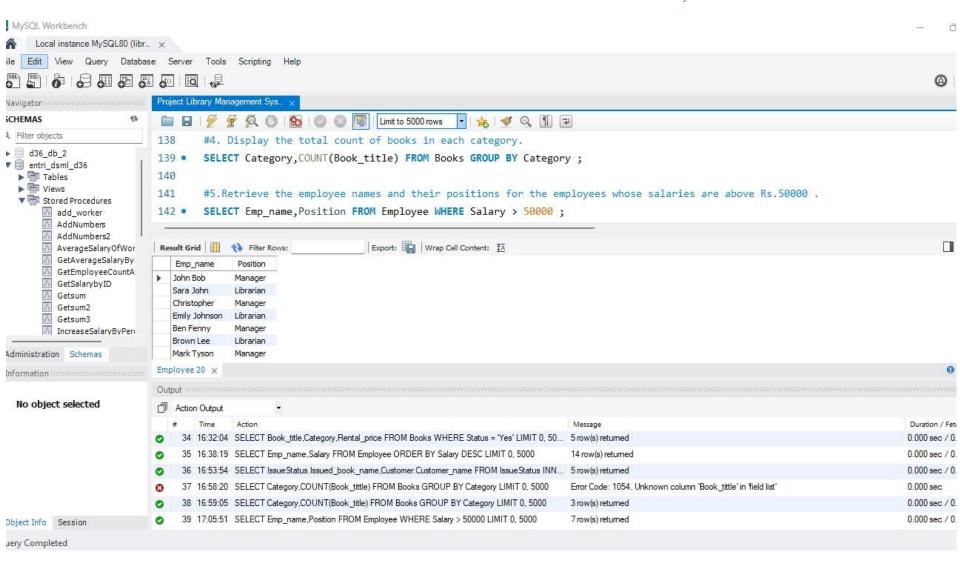
3. RETRIEVE THE BOOK TITLES AND THE CORRESPONDING CUSTOMERS WHO HAVE ISSUED THOSE BOOKS



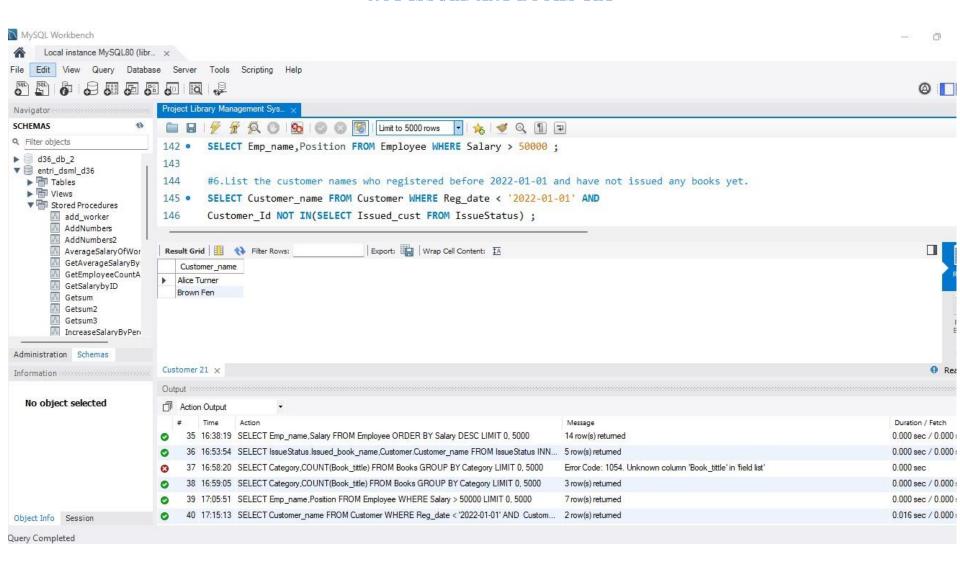
4. DISPLAY THE TOTAL COUNT OF BOOKS IN EACH CATEGORY



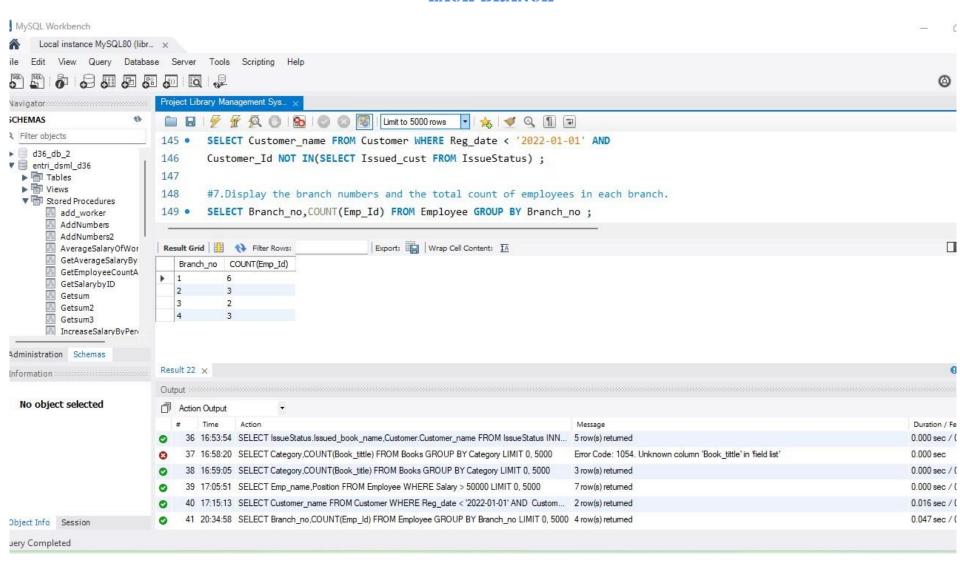
5. RETRIEVE THE EMPLOYEE NAMES AND THEIR POSITIONS FOR THE EMPLOYEES WHOSE SALARIES ARE ABOVE RS.50,000



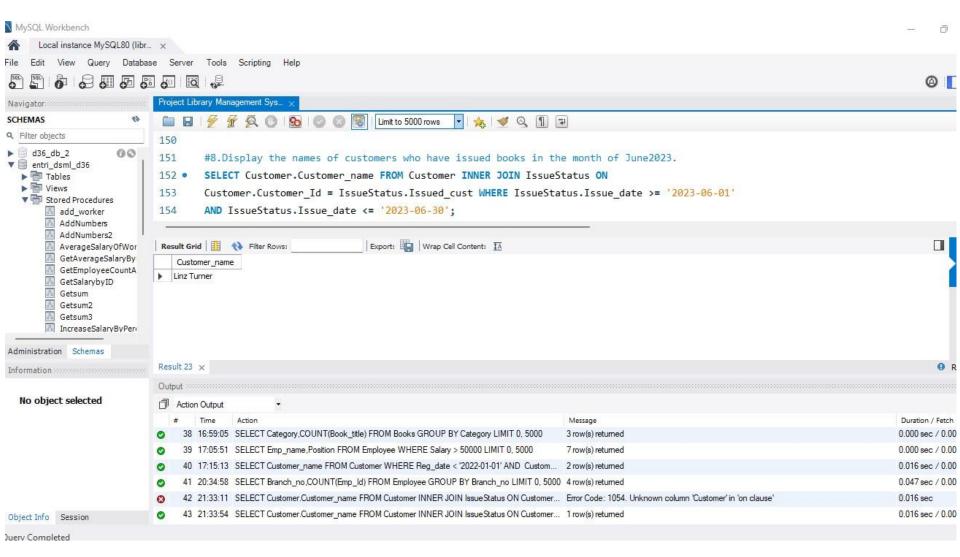
6. LIST THE CUSTOMER NAMES WHO REGISTERED BEFORE 2022-01-01 AND HAVE NOT ISSUED ANY BOOKS YET



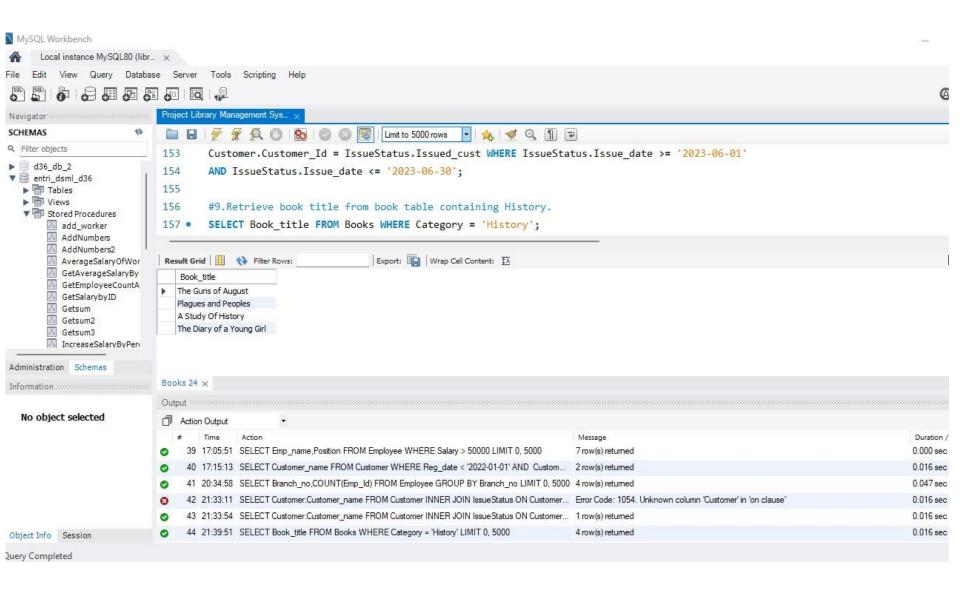
7. DISPLAY THE BRANCH NUMBERS AND THE TOTAL COUNT OF EMPLOYEES IN EACH BRANCH



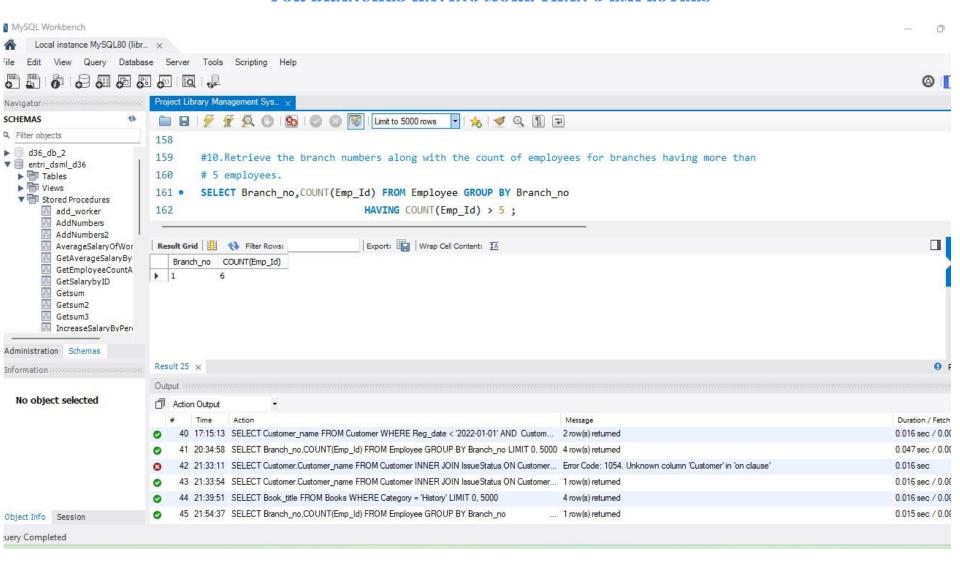
8. DISPLAY THE NAMES OF CUSTOMERS WHO HAVE ISSUED BOOKS IN THE MONTH OF JUNE 2023



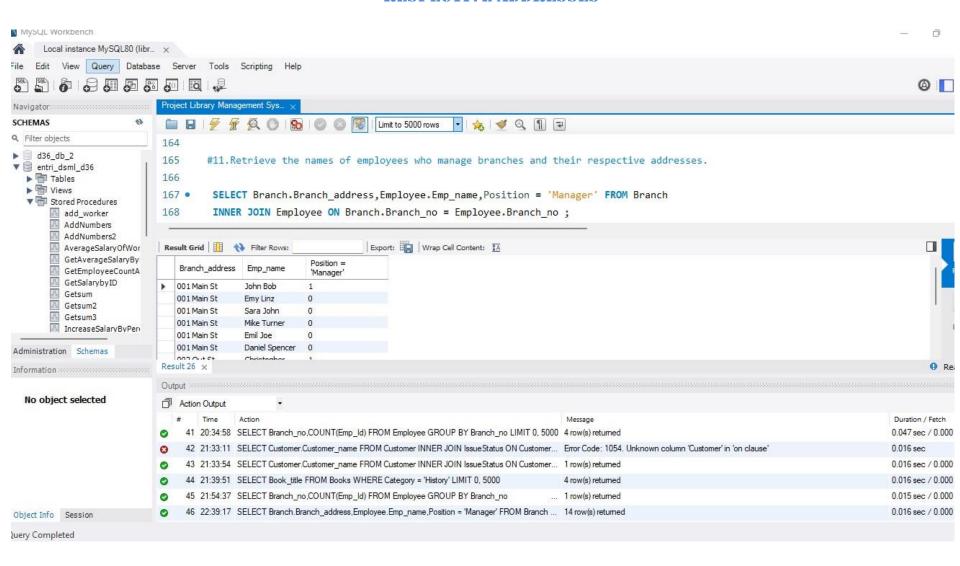
9. RETRIEVE BOOK TITLE FROM BOOK TABLE CONTAINING HISTORY



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



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



12. DISPLAY THE NAMES OF CUSTOMERS WHO HAVE ISSUED BOOKS WITH A RENTAL PRICE HIGHER THAN RS.25

