Library Management System

**Create a database named library and following TABLES in the database:**   
  
1. Branch   
2. Employee   
3. Books  
4. Customer  
5. Issue Status  
6. Return Status

**\*Attributes for the tables:**   
  
1. Branch  
  
• Branch\_ no

* Set as PRIMARY KEY

• Manager\_ Id    
• Branch\_ address    
• Contact\_ no

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2. Employee    
  
• Emp\_ Id – Set as PRIMARY KEY    
• Emp\_ name    
• Position    
• Salary  
• Branch\_ no

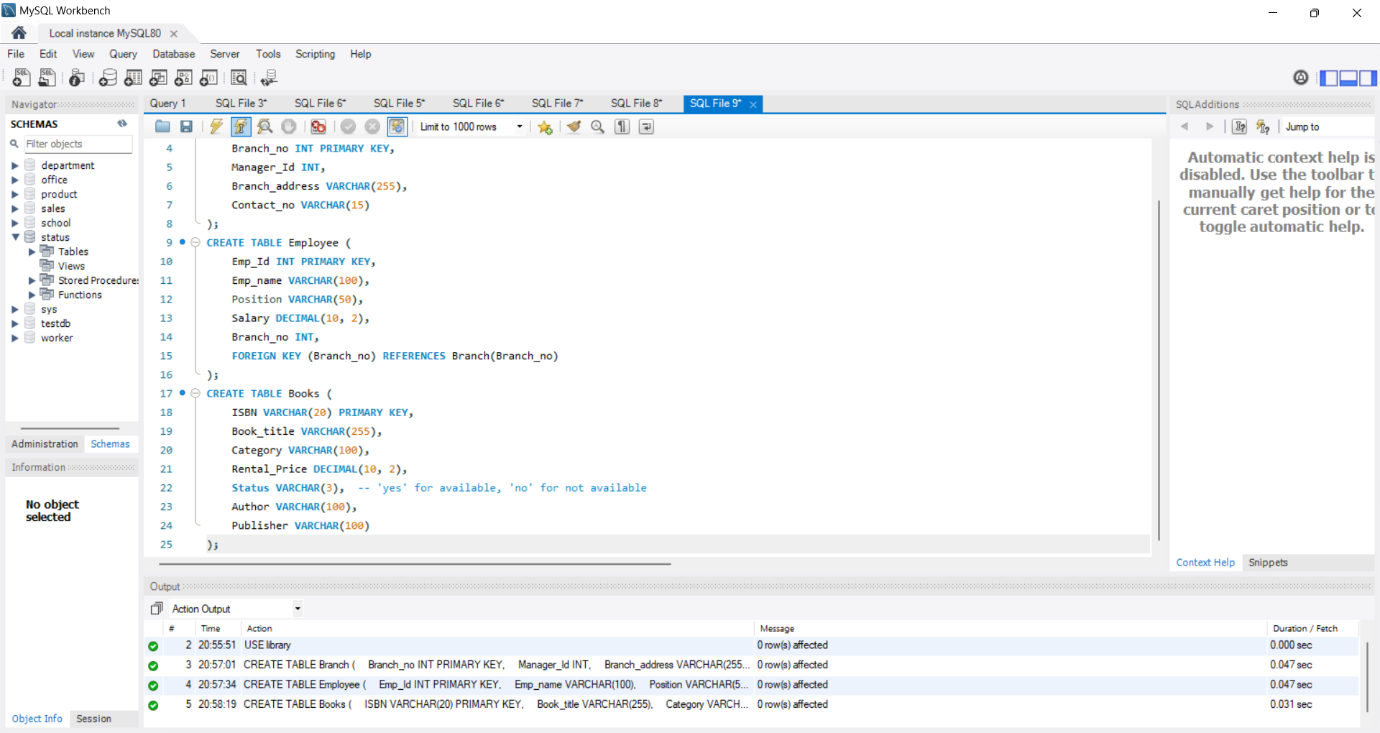
* Set as FOREIGN KEY and it refer Branch\_ no in Branch table

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3. Books    
  
• ISBN

* Set as PRIMARY KEY    
  • Book\_ title    
  • Category    
  • Rental\_ Price    
  • Status [Give yes if book available and no if book not available]    
  • Author    
  • Publisher



4. Customer    
  
• Customer\_ Id

* Set as PRIMARY KEY    
  • Customer\_ name    
  • Customer\_ address    
  • Reg\_ date

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5. Issue Status    
  
• Issue\_ Id

* Set as PRIMARY KEY    
  • Issued\_ cust – Set as FOREIGN KEY and it refer customer\_ id in CUSTOMER table Issued\_ book\_ name   
  • Issue\_ date   
  • Isbn \_ book – Set as FOREIGN KEY and it should refer isbn in BOOKS table

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6. Return Status    
  
• Return\_ Id

* Set as PRIMARY KEY    
  • Return\_ cust    
  • Return\_ book\_ name    
  • Return\_ date    
  • Isbn\_book2
* Set as FOREIGN KEY and it should refer isbn in BOOKS table

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**Display all the tables and write the queries for the following:**

1. *Retrieve the book title, category, and rental price of all available books.*

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*2.List the employee names and their respective salaries in descending order of salary*

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*3.Retrieve the book titles and the corresponding customers who have issued those books.*

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*4.Display the total count of books in each category.*

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*5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000*

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*6.List the customer names who registered before 2022-01-01 and have not issued any books yet.*

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*7.Display the branch numbers and the total count of employees in each branch*

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*8.Display the names of customers who have issued books in the month of June 2023*

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*9.Retrieve book\_ title from book table containing history.*

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*10.Retrieve the branch numbers along with the count of employees for branches having more than 5 employees*

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*11.Retrieve the names of employees who manage branches and their respective branch addresses.*

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*12.Display the names of customers who have issued books with a rental price higher than Rs. 25.*

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