

ASSIGNMENT 2

Display all the tables and Write the queries for the following :

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

```
43 • select book_title,Category,rental_price from books;
44
45 #4
46 • create table Customer/
```

book_title	Category	rental_price
Pride and Prejudice	Romance	39
Harry Potter and the Sorcerer's Stone	Fantasy	7
The Lord of the Rings	Fantasy	10
To Kill a Mockingbird	Fiction	8
The Hitchhiker's Guide to the Galaxy	Science Fiction	49
The Adventures of nemo	adventure	30
The Great Gatsby	Fiction	8
Crime and Punishment	Novel	8
One Hundred Years of Solitude	Magical Realism	30
The Catcher in the Rye	Coming-of-age	37

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

```
100 • select emp_name, salary from employee order by salary desc;
101
```

emp_name	salary
John Smith	75000
Jane Doe	68000
Alice Brown	45000
Bob Johnson	42000
David Miller	40000
Charlie Wilson	38000
Grace Garcia	30000
Frank Garcia	28000
Emily Jones	25000
Henry Williams	22000

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

```
153 INNER JOIN IssueStatus i ON b.ISBN = i.Isbn_book
154 INNER JOIN Customer c ON i.Issued_cust = c.Customer_Id;
155
```

Book_title	Customer_name
Pride and Prejudice	moris Rodriguez
Harry Potter and the Sorcerer's Stone	Jaxon Young
The Lord of the Rings	David Lee
To Kill a Mockingbird	Emily Hernandez
The Hitchhiker's Guide to the Galaxy	Frank Lopez
The Adventures of nemo	Grace Johnson
The Great Gatsby	Henry Garcia
Crime and Punishment	Isabella Rodriguez
One Hundred Years of Solitude	Jacob Young
The Catcher in the Rye	Haary Garcia

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

```
156 • select count(ISBN),category from Books group by Category;
157
```

count(ISBN)	category
1	Refresh data re-executing the original query
2	Fantasy
2	Fiction
1	Science Fiction
1	adventure
1	Novel
1	Magical Realism
1	Coming-of-age

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

```
160 • select Emp_name,Position,salary from Employee where salary >50000;
```

Emp_name	Position	salary
John Smith	Manager	75000
Jane Doe	Manager	68000

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

```
165 • Select Customer_name
166 from Customer
167 where Reg_date < '2022-01-01'
168 AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
```

Customer_name
David Cooper
zam Hernandez
Frank kops

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

```
172 • Select Branch_no, COUNT(*) as Employee_Count
173 from Employee
174 GROUP BY Branch_no;
```

Branch_no	Employee_Count
110	1
111	1
112	1
113	1
114	1
115	1
116	1
117	1
118	1
119	1

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

```

180 • Select c.Customer_name
181 From Customer c
182 Inner join IssueStatus i ON c.Customer_Id = i.Issued_cust
183 Where Month(i.Issue_date) = 6 and Year(i.Issue_date) = 2023;

```

Customer_name
moris Rodriguez
Jaxon Young

9. Retrieve book_title from book table containing history.

```

178 • select Book_title , category from books where Category = 'history' ;

```

Book_title	category
To Kill a Mockingbird	history
One Hundred Years of Solitude	history

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

```

208 • Select Branch_no, COUNT(*) AS Employee_Count
209 from Employee
210 Group by Branch_no
211 Having COUNT(*) > 5;

```

Branch_no	Employee_Count
115	6

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

```

213 • select employee.emp_name ,branch.Branch_address from employee inner join branch on
214 employee.Branch_no= branch.branch_no
215 where employee.position = 'manager';

```





emp_name	Branch_address
John Smith	wbc_banks_India
Jane Doe	NFC_banks_India

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

```

217 • SELECT c.Customer_name,b.Rental_price
218 FROM Customer c
219 INNER JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
220 INNER JOIN Books b ON i.Isbn_book = b.ISBN
221 WHERE b.Rental_Price > 25;
222

```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	Customer_name	Rental_price
▶	moris Rodriguez	39
	Frank Lopez	49
	Grace Johnson	30
	Jacob Young	30
	Haary Garcia	37