DBMS
LAB ASSIGNMENT 5
(Including Aggregate functions and self-join of table)

Use Books Library table from Assignment 4:

1. Display book title and author according to language-wise.
2. Display all columns of the books library table with a price of more than Rs. 500.
3. Display authors with more than 3 books publication.
4. Display publisher name and book title with a price is greater than Rs. 250, author-wise.
5. Display the average price of books authored by "XYZ".
6. Display all authors with the average price of his/her all books price.
7. Display count of books according to their publisher name wise.
8. Display author and book title with the highest price.
9. Display author and book title with the least price.
10. Display author and book title with second-highest price.

Use Hospital management table from Assignment 4:

1. Display doctor names from every specialization.
2. Display count of doctors according to their specialization wise.
3. Display count of patients admitted for any specific treatment.
4. Display doctor ID and name who is/are not specialized in cancer.
5. Display doctors count in each specialization whose salary is 50000.
6. Display patient ID and patient name who was the first one got admitted to the hospital.
7. Display the average count of patients (in any month).
8. For every month (Jan-may) display the count of patients who got discharged in that month.
9. Display count of patients who got admitted in the last six months.
10. Display specialization with the least number of doctors.
11. Display the doctor's name with the highest salary.
12. Display the average salary of doctors specialization-wise.
13. Display the minimum count of patients for each treatment.
14. Display the average count of patients for each treatment.
15. Create another SUMMARY table with only two columns of "doctor id" and "count of the patient treated by that doctor id".