Database Systems
Lab-02

Topic:

- Display
- Aliases
- Concatenation
- Arithmetic operation
- Limiting rows (where condition)
- Pattern matching
- Null
- Logical operators
- Sorting

Queries for exercise:

1. Write a query to display the names (first_name, last_name) from actor table
2. Write a query to show the names of id and name from country table
3. Write a query to show name, email, address and username from staff table
4. Write a query to display the names, district and population from city table
5. Write a query to display the names (first_name, last_name) using alias name "First Name", "Last Name" from actor table
6. Write a query to display the names (first_name, last_name) using alias name "First Name", "Last Name" from actor table
7. Display all customers' name.
8. Write a query to get unique first name from actor table.
9. Display only five records from film table
10. Show the name and population (in million) of every country
11. Display "X country has y population" as country population
12. Display "A film is released in the year B" as film release
13. Find the population per surface area of each country
14. Write a query to display the district name of city Hamilton
15. What is the country code and population of the city named Thimphu?
16. What is the GNP of Eritrea? It's in which continent?
17. What is the capital of Croatia?
18. Display the unique name of the region. (Use country table)
19. Show the title and length of films where length is between 100 to 200
20. Display the list of film whose replacement cost is more than 20
21. List all the country started with "S"
22. List all the city name that contains "y" in them
23. Display the country name whose GNPOld is null

24. Display the country name and GNP whose GNPOld is null and GNP is more than 3000
25. Display all the country from Asia whose population is more than 100000
26. Sort the title all the film in ascending order
27. Sort the title all the film in ascending order based on length
28. Sort all the city name based on population in descending order
29. Sort all the city name based on population in descending order
30. Sort all the country name based on population density in descending order. (Try dividing population by surface area)