

CS232L - DATABASE MANAGEMENT SYSTEMS LAB

Data science

Lab 02

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Task 01:

Create a table named **FRIENDS** with following entities:

- Id(Serial, NOT NULL & PRIMARY KEY)
- Name
- Age
- HOBBY
- department

Insert data into the table (at least 7 rows) and print out the values as following:

1. Use WHERE Clause and print out the data which has id 5 AND 7
2. Use WHERE Clause and print out the data which has name starting from A using wildcard.
3. Use WHERE CLAUSE to print out the data whose age is greater than or equal to 18.
4. Use WHERE Clause to print out all the data BETWEEN Id 2 and 8.
5. Print out the whole table and display Name Column as FIRST NAME using ALIAS Name.
6. print out the age using SELECT DISTINCT.

Task 02:

Create a table named students with the following entities:

- name
- number of A's in last semester
- number of B's in last semester
- number of C's in last semester

Insert atleast 10 elements and

1. print out the result using SELECT DISTINCT
2. print out the row which has one NULL values using IS NULL.

3. ALTER the table and add two more columns (of your choice)
4. UPDATE the columns in table using WHERE Clause.
5. DELETE the values in table.
6. DELETE one column in table
7. Use DROP command to delete the table finally.

Task 03:

Create two tables named **Employee_info** and **Salary**.

Add the following entities in **Employee_info** table and insert **5 elements** in the table:

Emp_Id(Primary key), Name, Age, Department

Add the following entities in **Salary Table** and insert **5 elements** in the table:

Emp_Id(Foreign Key), Salary

- Use DELETE command with CASCADE to delete third row in the salary table using WHERE Clause.
- Use TRUNCATE command to delete the table.