

DBMS Labsheet-1

Introduction to DBMS and ORACLE

1. What is Data? What is a Database?
2. What is DBMS?
3. What is *Relational data model*?
4. What is RDBMS?
5. Discuss the terms- *relation* (table) , *tuple* (row), *primary key* etc.
6. What is Oracle and why it is RDBMS?
7. How we store data in Oracle?
8. What is *structure* (schema) of a table(relation).
9. What is a constraint and What is PK.
10. What is SQL
11. Introduction to DDL(create/alter/drop) and DML(select/delete/insert/update)

Try the following:

1. Show how to log onto Oracle on Ubuntu.
2. Select * from tab;
3. Show how to select only few columns.
4. Discuss SELECT , FROM, WHERE clauses in SQL query.
5. DESC <table>;

We now attempt creating a simple table with following structure:

Student (sid int, name varchar(10), age int);

Insert following 4 records in to student table:

(101, 'Raju', 20)
(103, 'John', 19)
(104, 'Mohan', 21)
(107, 'Mary', 20)

Important points about End-sem Lab Exam:

Weightage : 10%
Date : 29-Apr-2023 (Sat)
Duration : 60 Mins.
Time slot : 1-00PM to 6-00PM (actual slot will be
announced 1 or 2 days ahead)
Mode : Open book
What is allowed: Text book (printed form) and only one
handwritten note book.

Xerox material or other printouts of PPTs etc are not allowed.