

DBMS Lab
Assignment-1

100717

1. Create table with Following description:

Name	Data type	Size
DepartmentId	Number	4
DeptName	Varchar2	20
ManagerId	Number	4
Manager Name	Varchar2	20
LocationId	Number	4

- a) Insert 5 records into the above table.
- b) Display Department and their name.
- c) Display Deptname and their manager
- d) Delete all rows of the table

2. Create table for maintaining your friend list.

Name	Data type	Size
Name	Varchar2	15
Address	Varchar2	30
Mobileno.	Number	10
Highest Degree	Varchar2	6
Marks in Highest Degree	Number	3

- a) Insert the records or populate the table with few records(5 to 10)
- b) Display Name, Highest Degree and Marks in Highest Degree of all the friends
- c) Sort the table according to names.
- d) Delete records from the table based on the condition no friend's name can start from Letter P.
- e) Display the names of friends in the decreasing order of their marks.

3. Create table for maintaining your classmates' records.

Name	Data type	Size
RollNo	Number	2
Name	Varchar2	30
Address	Varchar2	6
Mobileno.	Number	10
Marks in Test	Number	3

- a) Insert the records or populate the table with few records(5-10)
- b) Display Students with roll numbers between 20 to 30
- c) Sort the table in increasing order of their roll numbers.
- d) Display names of students with their percentage.

4. Create table for maintaining employees records.

Name	Data type	Size
Employee id	Number	5
Name	Varchar2	30
Email	Varchar2	25
Mobileno.	Number	10
Jobid	Varchar2	10
Salary	Number	8,2

- a) Insert the records or populate the table with few records(5 to 10)
- b) Display all records in the table
- c) Update a record in a table to change salary of a person with specific name
- d) Delete all rows of a table

5. Create a table employee and department.

Employee(empno,ename,deptno,job,hiredate)

Department(deptno,dname,loc)

Include the following constraints on column of emp table.

- a) To make the empno as primary key of the table and
- b) To ensure that the ename column does not contain NULL values and
- c) To put the current date as default date in hire date column in case data is not supplied for the column.

Include the following constraints on column of dept table.

- a) To make deptno as primary key.
- b) To ensure dname,loc columns does not contain NULL values
- c) Also enforce REFERENTIAL INTEGRITY, declare deptno field of dept table as primary key and deptno field of emp table as foreign key.