DBMS Lab
Assignment-1

1. Cerate 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.