LAB Assignment-2

1. Create a table **EMP1** with following structure.

ID	Name	Basic	Designation	Age

Column Description: -
ID   Number (2)
Name   Varchar2 (10)
Basic   Number (6, 2)
Designation Varchar2 (10)
Age   Number (2)

2. Change the data type of the field Basic from float to integer with required size of the **EMP1** table.
3. Change the field size of Name column of the **EMP1** table from 10 to 15.
4. Create another table **EMP_trainee** with the same (changed) structure. The column ID to be renamed as Emp_id in the EMP_trainee table.
5. Insert following data in **EMP1** table: -
   (1, Rohit, 6700, Manager, 24)
   (2, Sunil, 6200, Engineer, 27)
   (3, Payal, 6300, Engineer, 25)
   (4, Kunal, 6700, Trainee, 28)
   (5, Sunita, 6230, Trainee, 26)
   (6, Bimal, 7000, Trainee, 25)

6. Insert all rows with the designation 'trainee' from the **EMP1** table to **EMP_trainee** table.
7. Display the structure of both the tables.
8. Add columns Skills (data type-varchar2 and size-10) and DOJ (data type-date) to the **EMP1** table and add data for the Skills and DOJ columns according to your own wish.
9. Change the designation of all trainees in EMP_trainee table to 'Programmer _Trainee'.
10. Update more than one row in one query in EMP1 table.
11. Change the data type of ID in EMP1 table to varchar2 and increase the data size to 5.
12. Display both the tables **EMP1** and **EMP_trainee**.
13. Rename the column Age of **EMP1** table to Age_in_Years.
14. Delete the details of all the trainees from the **EMP1** table.
15. Drop the Age column from the **EMP_trainee** table.
16. Drop two columns in one query from EMP_trainee table.
17. Rename the table **EMP** to **EMP_Mgr_Engr**.
18. Drop the table **EMP_Trainee**.
19. Truncate **EMP_Mgr_Engr** table.
20. Recover the data of **EMP_Mgr_Engr.**