Practice 10
1. Create the DEPARTMENT table based on the following table instance chart. Enter the syntax in a script called p10q1.sql, then execute the script to create the table. Confirm that the table is created.

```
Name          Null?     Type
----------    --------  -----------
ID                      NUMBER(7)
NAME                    VARCHAR2(25)
```

Column Name	Id	Name
Key Type		
Nulls/Unique		
FK Table		
FK Column		
Datatype	Number	Varchar2
Length	7	25

2. Populate the DEPARTMENT table with data from the DEPT table. Include only columns that you need.

3. Create the EMPLOYEE table based on the following table instance chart. Enter the syntax in a script called p10q3.sql, and then execute the script to create the table. Confirm that the table is created.

```
 Name            Null?     Type
-------------    --------  ------------
ID                         NUMBER(7)
LAST_NAME                  VARCHAR2(25)
FIRST_NAME                 VARCHAR2(25)
DEPT_ID                    NUMBER(7)
```

Column Name	ID	LAST_NAME	FIRST_NAME	DEPT_ID
Key Type				
Nulls/Unique				
FK Table				
FK Column				
Datatype	Number	Varchar2	Varchar2	Number
Length	7	25	25	7

4. Modify the EMPLOYEE table to allow for longer employee last names. Confirm your modification.

```
Name              Null?     Type
-------------  --------  -----------
ID                         NUMBER(7)
LAST_NAME                  VARCHAR2(50)
FIRST_NAME                 VARCHAR2(25)
DEPT_ID                    NUMBER(7)
```

5. Confirm that both the DEPARTMENT and EMPLOYEE tables are stored in the data dictionary. (*Hint:* USER_TABLES)

```
TABLE_NAME
------------------------
DEPARTMENT
EMPLOYEE
```

6. Create the EMPLOYEE2 table based on the structure of the EMP table. Include only the EMPNO, ENAME, and DEPTNO columns. Name the columns in your new table ID, LAST_NAME, and DEPT_ID, respectively.

7. Drop the EMPLOYEE table.

8. Rename the EMPLOYEE2 table to EMPLOYEE.

9. Add a comment to the DEPARTMENT and EMPLOYEE table definitions describing the tables (e.g. 'Employee Information'. Or 'Department Information') Confirm your additions in the data dictionary. . (*Hint:* USER_TAB_COMMENTS)

10. Drop the LAST_NAME column from the EMPLOYEE table. Confirm your modification by checking the description of the table.

11. Create the EMPLOYEE2 table based on the structure of the EMP table. Include only the EMPNO, ENAME, and DEPTNO columns. Name the columns in your new table ID, LAST_NAME, and DEPT_ID, respectively. Mark the DEPT_ID column in the EMPLOYEE2 table as UNUSED. Confirm your modification by checking the description of the table.

12. Drop all the UNUSED columns from the EMPLOYEE2 table. Confirm your modification by checking the description of the table.