

Highest_sal

Number

LOCATION TABLE

NAME	NULL?	TYPE
Location_id	Not null	Number(4)
St_addr		Varchar(40)
Postal_code		Varchar(12)
City	Not null	Varchar(30)
State_province		Varchar(25)
Country_id		Char(2)

1. Create the DEPT table based on the DEPARTMENT following the table instance chart below. Confirm that the table is created.

Column name	ID	NAME
Key Type		
Nulls/Unique		
FK table		
FK column		
Data Type	Number	Varchar2
Length	7	25

```
Create table DEPT(ID int, NAME varchar2(25));
```

2. Create the EMP table based on the following instance chart. Confirm that the table is created.

Column name	ID	LAST NAME	FIRST NAME	DEPT ID
Key Type				
Nulls/Unique				
FK table				
FK column				
Data Type	Number	Varchar2	Varchar2	Number
Length	7	25	25	7

```
Create table EMP(ID Number(7), LAST-NAME varchar2(25),  
FIRST-NAME varchar2(25), DEPT-ID number(7));
```

3. Modify the EMP table to allow for longer employee last names. Confirm the modification. (Hint: Increase the size to 50)

```
Alter table EMP modify (LAST-NAME varchar2(50));
```

4. Create the EMPLOYEES2 table based on the structure of EMPLOYEES table. Include Only the Employee_id, First_name, Last_name, Salary and Dept_id columns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.

```
Create table Employees2 (Employee_id Number(+), First_Name  
varchar(25), Last_Name varchar(25), Salary Number(+), Dept_id Number(+));
```

5. Drop the EMP table.

```
Drop table EMP;
```

6. Rename the EMPLOYEES2 table as EMP.

```
Alter table Employees2 rename to EMP;
```

7. Add a comment on DEPT and EMP tables. Confirm the modification by describing the table.

```
COMMENT ON table DEPT is 'department';  
COMMENT ON table EMP is 'employee';
```

8. Drop the First_name column from the EMP table and confirm it.

```
Alter table EMP DROP column First_name;
```

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	