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 primary key,
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 int primary key, LAST_NAME varchar2(25),
FIRST_NAME varchar2 (25),
DEPT_ID int);
```

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 column LAST-NAME varchar (50)
```

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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 coloumns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.

```
CREATE table EMP (ID int primary key, LAST-NAME varchar2(25)
FIRST-NAME varchar2 (25), salary int, Dept-id int
);
```

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
'IT GIVES US THE INFO ABOUT THE DEPT'; SELECT * FROM EMP;
```

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

```
ALTER table EMP drop column FIRST-NAME;
SELECT * FROM EMP;
```

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

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