

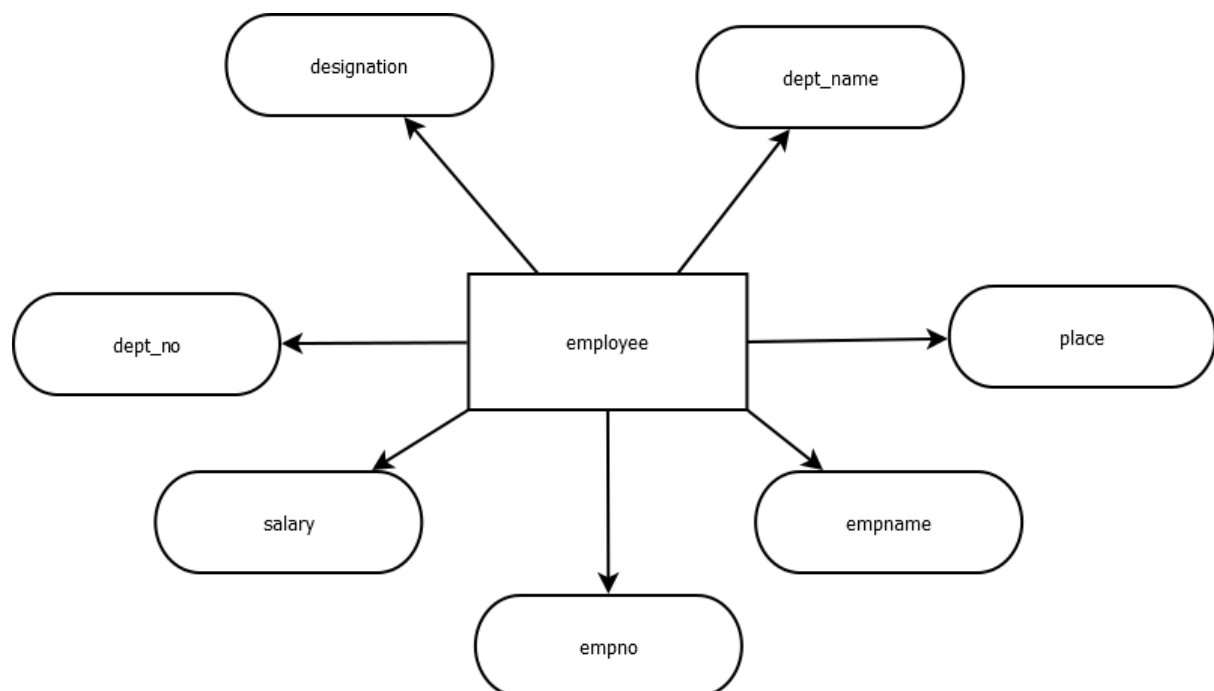
## Question:

Create a table employee. The attributes of employee are empno, empname, place, desg, salary, dept\_no, dept\_name.

Set empno as primary key and also set 100000 as a default salary of employee

Create a constraint where the dept\_no ranges from 1 -10

- Display the empno, empname and salary.
- Display all records of employee table
- Display the details of the employee whose salary is greater than 10000
- Increment the salary of 'officer' by 1000
- Display the name and id of employee whose salary ranges between 10000 and 15000
- Display the employee details whose name start with 'A'
- Change the salary of officer to 15000
- Add a column district to the table
- Delete the column district
- Modify the column name desg to designation



```
SQL> CREATE TABLE employee (empno INT PRIMARY KEY, empname VARCHAR(20), place
VARCHAR(20), desig VARCHAR(20), salary INT DEFAULT 100000, dept_no INT CHECK (dept_no >= 1
AND dept_no <= 10), dept_name VARCHAR(20));
```

```
SQL> DESC employee;
```

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(38)
EMPNAME		VARCHAR2(20)
PLACE		VARCHAR2(20)
DESIG		VARCHAR2(20)
SALARY		NUMBER(38)
DEPT_NO		NUMBER(38)
DEPT_NAME		VARCHAR2(20)

**a)**

```
SQL> SELECT empno, empname, salary FROM employee;
```

EMPNO	EMPNAME	SALARY
1	Zameel Hassan	100000
2	Sumayya Maheen	55000
3	Vivek M Nair	48000
4	Albin J	8000
5	Krishnendu K	30000
6	Sravan	15000
7	Prinu V Nair	13000

7 rows selected.

**b)**

SQL> SELECT \* FROM employee;

EMPNO	EMPNAME	PLACE	DESIG	SALARY	DEPT_NO	DEPT_NAME
1	Zameel Hassan	Kasaragod	CEO	100000	6	CS
2	Sumayya Maheen	Kollam	CTO	55000	6	CS
3	Vivek M Nair	Kottayam	COO	48000	6	CS
4	Albin J	Idukki	MANAGER	8000	6	CS
5	Krishnendu K	Alappuzha	Developer	30000	6	CS
6	Sravan	Alappuzha	Intern	15000	6	CS
7	Prinu V Nair	Kollam	Officer	13000	6	CS

7 rows selected.

c)

SQL> SELECT \* FROM employee WHERE salary > 10000;

EMPNO	EMPNAME	PLACE	DESIG	SALARY	DEPT_NO	DEPT_NAME
1	Zameel Hassan	Kasaragod	CEO	100000	6	CS
2	Sumayya Maheen	Kollam	CTO	55000	6	CS
3	Vivek M Nair	Kottayam	COO	48000	6	CS
5	Krishnendu K	Alappuzha	Developer	30000	6	CS
6	Sravan	Alappuzha	Intern	15000	6	CS
7	Prinu V Nair	Kollam	Officer	13000	6	CS

6 rows selected.

d)

SQL> UPDATE employee SET salary=salary+1000 WHERE desig='Officer';

1 row updated.

e)

SQL> SELECT empname, empno FROM employee WHERE salary>=10000 AND salary<=15000;

EMPNAME	EMPNO
---------	-------

-----

Sravan	6
--------	---

Prinu V Nair	7
--------------	---

f)

SQL> SELECT \* FROM employee WHERE empname LIKE 'A%';

EMPNO	EMPNAME	PLACE	DESIG	SALARY	DEPT_NO	DEPT_NAME
-------	---------	-------	-------	--------	---------	-----------

-----

4	Albin J	Idukki	MANAGER	8000	6	CS
---	---------	--------	---------	------	---	----

g)

SQL> UPDATE employee SET salary=15000 WHERE desig='Officer';

1 row updated.

h)

SQL> ALTER TABLE employee ADD district VARCHAR(20);

Table altered.

i)

SQL> ALTER TABLE employee DROP COLUMN district;

Table altered.

j)

SQL> ALTER TABLE employee RENAME COLUMN desig TO designation;

Table altered.

**FINAL TABLE:**

EMPNO	EMPNAME	PLACE	DESIGNATION	SALARY	DEPT_NO	DEPT_NAME
-----						
1	Zameel Hassan	Kasaragod	CEO	100000	6	CS
2	Sumayya Maheen	Kollam	CTO	55000	6	CS
3	Vivek M Nair	Kottayam	COO	48000	6	CS
4	Albin J	Idukki	MANAGER	8000	6	CS
5	Krishnendu K	Alappuzha	Developer	30000	6	CS
6	Sravan	Alappuzha	Intern	15000	6	CS
7	Prinu V Nair	Kollam	Officer	15000	6	CS