```sql
CREATE DATABASE DHRUV_21010101188

USE DHRUV_21010101188

--QUERY 1
SELECT PERSON1.PERSONNAME ,DEPARTMENT1.DEPARTMENTNAME,DEPARTMENT1.DEPARTMENTCODE FROM
PERSON1 INNER JOIN DEPARTMENT1 ON PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID

--QUERY 2
SELECT DEPARTMENT1.DEPARTMENTNAME,
            MAX(PERSON1.SALARY) AS MAXSAL,
                MIN(PERSON1.SALARY) AS MINSAL FROM
                            PERSON1 INNER JOIN DEPARTMENT1 ON
                                    PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
GROUP BY
                                            DEPARTMENT1.DEPARTMENTNAME


--QUERY 3
SELECT DEPARTMENT1.DEPARTMENTNAME
        FROM PERSON1 INNER JOIN DEPARTMENT1 ON
            PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
                GROUP BY DEPARTMENT1.DEPARTMENTNAME
                    HAVING  SUM(PERSON1.SALARY)>100000

--QUERY 4
SELECT PERSON1.PERSONNAME,PERSON1.SALARY,DEPARTMENT1.DEPARTMENTNAME
        FROM PERSON1 INNER JOIN DEPARTMENT1 ON
            PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
                WHERE PERSON1.CITY ='JAMNAGAR'

--QUERY 5
SELECT PERSON1.PERSONNAME,DEPARTMENT1.DEPARTMENTID
        FROM PERSON1 INNER JOIN DEPARTMENT1 ON
            PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
                WHERE DEPARTMENT1.DEPARTMENTID IS NULL

--QUERY 6
SELECT DEPARTMENT1.DEPARTMENTNAME,
        COUNT(DEPARTMENT1.DEPARTMENTID) "Person count"
            FROM PERSON1 INNER JOIN DEPARTMENT1 ON
                PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
                    GROUP BY DEPARTMENT1.DEPARTMENTNAME

--QUERY 7
        SELECT AVG(PERSON1.SALARY)
            FROM PERSON1 INNER JOIN DEPARTMENT1 ON
                PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
                    WHERE PERSON1.CITY='AHMEDABAD'

--QUERY 8
SELECT PERSON1.PERSONNAME + 'EARNS' + PERSON1.SALARY + 'FROM DEPARTMENT'  +
DEPARTMENT1.DEPARTMENTNAME +'MONTHLY'
        FROM PERSON1 INNER JOIN DEPARTMENT1 ON
                    PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID

--QUERY 9
        SELECT
```

```sql
Department1.DepartmentName
FROM Person1
FULL OUTER JOIN Department1
ON Person1.DepartmentID=Department1.DepartmentID
GROUP BY Department1.DepartmentName
HAVING COUNT (Person1.DepartmentID) =0

--QUERY 10
SELECT
SUM(Person1.Salary) "Total Salary ",
MAX(Person1.Salary) "Max Salary",
AVG(Person1.Salary) "AVG Salary"
FROM Person1
INNER JOIN Department1
ON Person1.DepartmentID=Department1.DepartmentID
GROUP BY Department1.DepartmentName


--QUERY 11
        SELECT DISTINCT CITY FROM PERSON

--QUERY 12

SELECT

DEPARTMENT1.DEPARTMENTNAME,
COUNT(PERSON1.DEPARTMENTID) AS TOTAL
FROM PERSON1
RIGHT OUTER JOIN DEPARTMENT1
ON PERSON1.DEPARTMENTID=DEPARTMENT1.DEPARTMENTID
GROUP BY DEPARTMENT1.DEPARTMENTNAME
HAVING COUNT(PERSON1.DEPARTMENTID) > 2


--QUERY 13
SELECT LEFT (PERSONNAME ,3)  +RIGHT(CITY,3) FROM PERSON

--QUERY 14
PDATE PERSON1 SET
SALARY = ((SALARY*10)/100) +SALARY
WHERE DEPARTMENT1ID=
(SELECT DEPARTMENTID FROM DEPARTMENT1 WHERE DEPARTMENTNAME='computer')

--QUERY 15
SELECT PERSONNAME FROM PERSON
WHERE (GETDATE()-JOININGDATE)>36
```