PRACTICAL NO.3

A) Using emp table, perform the following queries:

1) Display the details of all employees.
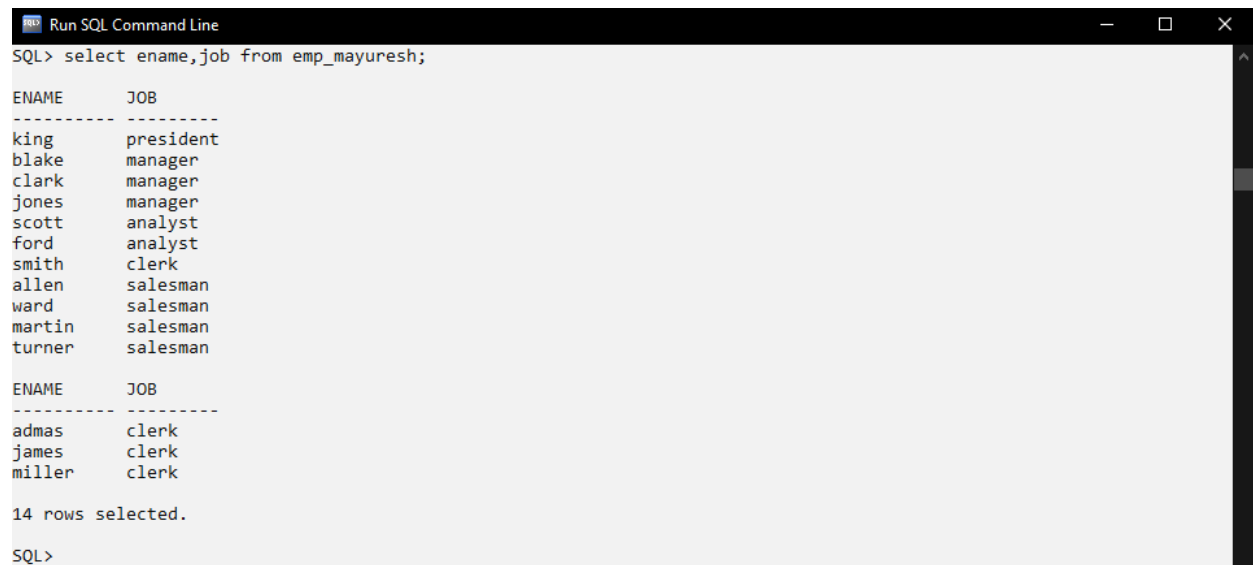
```
Run SQL Command Line                                                                  —    □    ×
SQL> select * from emp_mayuresh
  2  ;

    EMPNO ENAME      JOB            MGR HIREDATE      SAL       COMM
--------- ---------- --------- --------- --------- --------- ----------
   DEPTNO
----------
     7839 king       president          17-NOV-81      5000
       10

     7698 blake      manager       7839 01-MAY-81      2850
       30

     7782 clark      manager       7839 09-JUN-81      2450
       10


    EMPNO ENAME      JOB            MGR HIREDATE      SAL       COMM
--------- ---------- --------- --------- --------- --------- ----------
   DEPTNO
----------
     7566 jones      manager       7839 02-APR-81      2975
       20

     7788 scott      analyst       7566 19-APR-81      3000
       20

     7902 ford       analyst       7566 03-DEC-81      3000
       20


    EMPNO ENAME      JOB            MGR HIREDATE      SAL       COMM
--------- ---------- --------- --------- --------- --------- ----------
   DEPTNO
----------
     7369 smith      clerk         7902 17-DEC-80       800
       20

     7499 allen      salesman      7698 20-FEB-81      1600        300
       30

     7521 ward       salesman      7698 22-FEB-81      1250        500
       30


    EMPNO ENAME      JOB            MGR HIREDATE      SAL       COMM
--------- ---------- --------- --------- --------- --------- ----------
   DEPTNO
----------
     7654 martin     salesman      7698 28-FEB-81      1250       1400
       30

     7844 turner     salesman      7698 08-SEP-81      1500          0
       30

     7876 admas      clerk         7788 23-MAY-87      1100
       20
```

```
Run SQL Command Line                                                                  —    □    ×

    EMPNO ENAME      JOB            MGR HIREDATE      SAL       COMM
--------- ---------- --------- --------- --------- --------- ----------
   DEPTNO
----------
     7900 james      clerk         7698 03-DEC-81       950
       30

     7934 miller     clerk         7782 23-JAN-82      1300
       10

14 rows selected.
```

2) Display the name and job for all employee

```
Run SQL Command Line                                                    —    □    ×
SQL> select ename,job from emp_mayuresh;

ENAME      JOB
---------- ---------
king       president
blake      manager
clark      manager
jones      manager
scott      analyst
ford       analyst
smith      clerk
allen      salesman
ward       salesman
martin     salesman
turner     salesman

ENAME      JOB
---------- ---------
admas      clerk
james      clerk
miller     clerk

14 rows selected.

SQL>
```

3) Display name and salary for all employees.

```
Run SQL Command Line                                                    —    □    ×

SQL> select ename,sal from emp_mayuresh;

ENAME           SAL
---------- ----------
king           5000
blake          2850
clark          2450
jones          2975
scott          3000
ford           3000
smith           800
allen          1600
ward           1250
martin         1250
turner         1500

ENAME           SAL
---------- ----------
admas          1100
james           950
miller         1300

14 rows selected.
```

4) Display the details of all employees who are earning salary greater than 2000.

```
Run SQL Command Line                                                    —   □   ✕

SQL> select * from emp_mayuresh
  2  where sal>2000;

    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
      7839 king       president             17-NOV-81      5000
        10

      7698 blake      manager         7839 01-MAY-81      2850
        30

      7782 clark      manager         7839 09-JUN-81      2450
        10


    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
      7566 jones      manager         7839 02-APR-81      2975
        20

      7788 scott      analyst         7566 19-APR-81      3000
        20

      7902 ford       analyst         7566 03-DEC-81      3000
        20

6 rows selected.
```

5) Display the details of all employees who are working as manager.

```
Run SQL Command Line                                                    —   □   ✕

SQL> select * from emp_mayuresh
  2  where job='manager';

    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
      7698 blake      manager         7839 01-MAY-81      2850
        30

      7782 clark      manager         7839 09-JUN-81      2450
        10

      7566 jones      manager         7839 02-APR-81      2975
        20
```

6) Display the name of all employees who are working in department number 10.

```
Run SQL Command Line                                                    —    □    ✕
SQL> select * from emp_mayuresh
  2  where deptno=10;

    EMPNO ENAME      JOB            MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7839 king       president         17-NOV-81      5000
       10

     7782 clark      manager       7839 09-JUN-81      2450
       10

     7934 miller     clerk         7782 23-JAN-82      1300
       10
```

7) Display the names of all employees working as clerk and drawing salary more than 3000.

```
Run SQL Command Line                                                    —    □    ✕

SQL> select * from emp_mayuresh
  2  where job='clerk' and sal>3000;

no rows selected
```

8) Display employee number and names for employees who earn

```
Run SQL Command Line                                                    —    □    ✕
SQL> select empno,ename,comm from emp_mayuresh
  2  where comm>0;

    EMPNO ENAME          COMM
---------- ---------- ----------
     7499 allen           300
     7521 ward            500
     7654 martin         1400
```

9) Display names of employees who do not earn any commission.

```
Run SQL Command Line                                                    —    □    ✕
SQL> select empno,ename,comm from emp_mayuresh
  2  where comm is null;

    EMPNO ENAME          COMM
---------- ---------- ----------
     7839 king
     7698 blake
     7782 clark
     7566 jones
     7788 scott
     7902 ford
     7369 smith
     7876 admas
     7900 james
     7934 miller

10 rows selected.
```
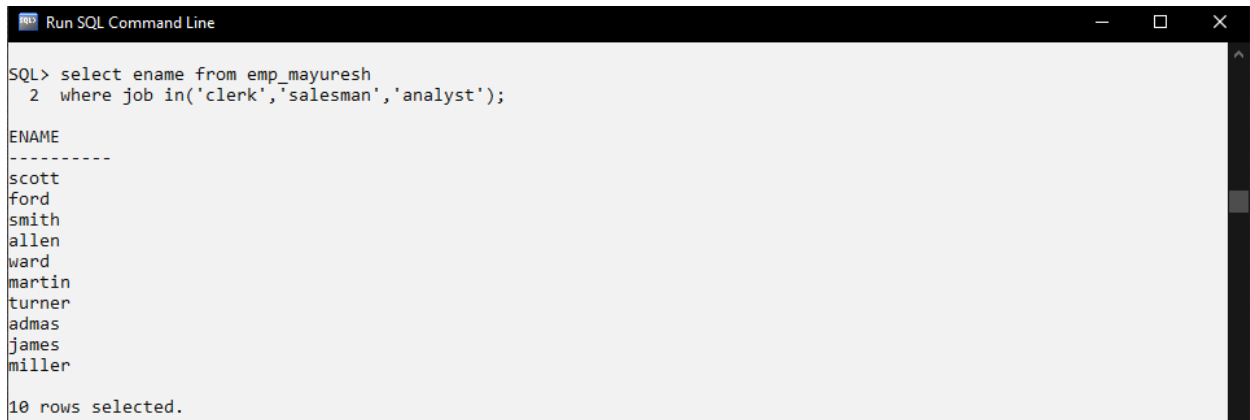
10) Display the names of employees who are working as clerk, salesman, or analyst and drawing a salary more than 2000.

```
Run SQL Command Line                                                      —   □   ×

SQL> select ename from emp_mayuresh
  2   where job in('clerk','salesman','analyst')and   sal>2000
  3  ;

ENAME
----------
scott
ford
```

11) Display the names of employees who are working as clerk, salesman or analyst.

```
Run SQL Command Line                                                      —   □   ×

SQL> select ename from emp_mayuresh
  2   where job in('clerk','salesman','analyst');

ENAME
----------
scott
ford
smith
allen
ward
martin
turner
admas
james
miller

10 rows selected.
```

12) display the names of employees working in department number 10 to 20 or 30.

```
Run SQL Command Line                                                      —   □   ×
SQL> select ename from emp_mayuresh
  2   where deptno in (10,20,30);

ENAME
----------
king
blake
clark
jones
scott
ford
smith
allen
ward
martin
turner

ENAME
----------
admas
james
miller

14 rows selected.
```

13) Display the details of employees whose salary lies in the range of 1000 & 2000.
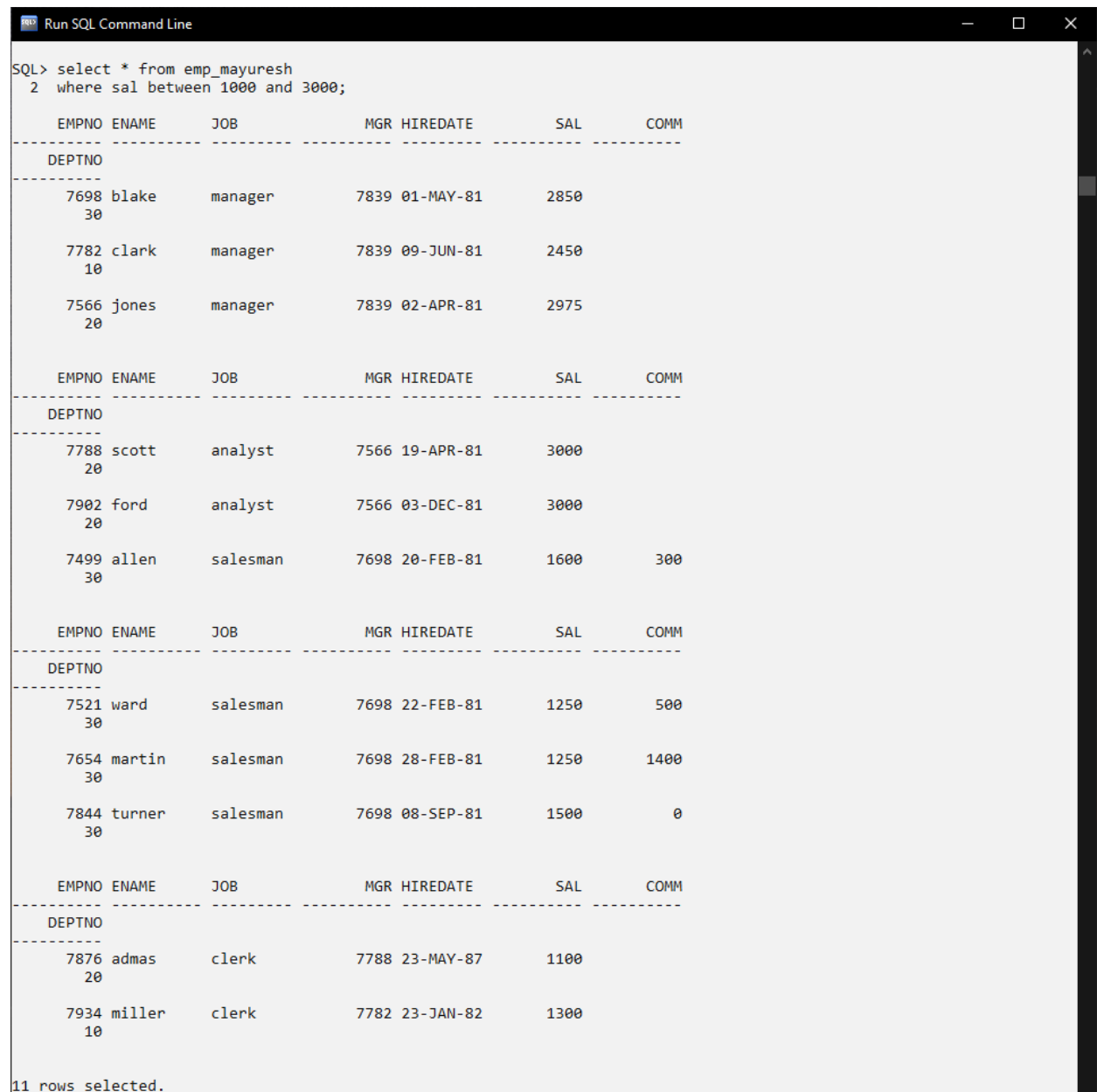
```
Run SQL Command Line                                                    —    □    ×

SQL> select * from emp_mayuresh
  2  where sal between 1000 and 3000;

    EMPNO ENAME      JOB            MGR HIREDATE         SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7698 blake      manager         7839 01-MAY-81      2850
       30

     7782 clark      manager         7839 09-JUN-81      2450
       10

     7566 jones      manager         7839 02-APR-81      2975
       20


    EMPNO ENAME      JOB            MGR HIREDATE         SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7788 scott      analyst         7566 19-APR-81      3000
       20

     7902 ford       analyst         7566 03-DEC-81      3000
       20

     7499 allen      salesman        7698 20-FEB-81      1600        300
       30


    EMPNO ENAME      JOB            MGR HIREDATE         SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7521 ward       salesman        7698 22-FEB-81      1250        500
       30

     7654 martin     salesman        7698 28-FEB-81      1250       1400
       30

     7844 turner     salesman        7698 08-SEP-81      1500          0
       30


    EMPNO ENAME      JOB            MGR HIREDATE         SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7876 admas      clerk           7788 23-MAY-87      1100
       20

     7934 miller     clerk           7782 23-JAN-82      1300
       10

11 rows selected.
```

14) list the employee in the ascending order of their salaries.

```
Run SQL Command Line                                                                    —    □    ×
SQL> select * from emp_mayuresh
  2  order by sal asc;

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7369 smith      clerk           7902 17-DEC-80       800
       20

     7900 james      clerk           7698 03-DEC-81       950
       30

     7876 admas      clerk           7788 23-MAY-87      1100
       20

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7654 martin     salesman        7698 28-FEB-81      1250       1400
       30

     7521 ward       salesman        7698 22-FEB-81      1250        500
       30

     7934 miller     clerk           7782 23-JAN-82      1300
       10

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7844 turner     salesman        7698 08-SEP-81      1500          0
       30

     7499 allen      salesman        7698 20-FEB-81      1600        300
       30

     7782 clark      manager         7839 09-JUN-81      2450
       10

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7698 blake      manager         7839 01-MAY-81      2850
       30

     7566 jones      manager         7839 02-APR-81      2975
       20

     7902 ford       analyst         7566 03-DEC-81      3000
       20
```

```
Run SQL Command Line                                                                    —    □    ×

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7788 scott      analyst         7566 19-APR-81      3000
       20

     7839 king       president            17-NOV-81      5000
       10

14 rows selected.
```

15) List the Empno, Ename, Sal of all emps working for Mgr. 7369.

```
Run SQL Command Line                                              —    □    ×

SQL> select empno,ename,sal from emp_mayuresh
  2   where MGR=7369;

no rows selected
```

16) List the employee who either 'clerk' or 'analyst' in the desc order.

```
Run SQL Command Line                                              —    □    ×

SQL> select * from emp_mayuresh
  2   where job='clerk' or job='analyst'
  3   order by job desc;

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7369 smith      clerk          7902 17-DEC-80       800
       20

     7900 james      clerk          7698 03-DEC-81       950
       30

     7934 miller     clerk          7782 23-JAN-82      1300
       10

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7876 admas      clerk          7788 23-MAY-87      1100
       20

     7902 ford       analyst        7566 03-DEC-81      3000
       20

     7788 scott      analyst        7566 19-APR-81      3000
       20

6 rows selected.
```

17) List the employee who are working in deptno 10 or 20.

```
Select Run SQL Command Line                                                    —    □    ×
SQL> select * from emp_mayuresh
  2  where deptno in(10,20);

    EMPNO ENAME      JOB           MGR HIREDATE       SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7839 king       president       17-NOV-81      5000
       10

     7782 clark      manager    7839 09-JUN-81      2450
       10

     7566 jones      manager    7839 02-APR-81      2975
       20


    EMPNO ENAME      JOB           MGR HIREDATE       SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7788 scott      analyst    7566 19-APR-81      3000
       20

     7902 ford       analyst    7566 03-DEC-81      3000
       20

     7369 smith      clerk      7902 17-DEC-80       800
       20


    EMPNO ENAME      JOB           MGR HIREDATE       SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7876 admas      clerk      7788 23-MAY-87      1100
       20

     7934 miller     clerk      7782 23-JAN-82      1300
       10


8 rows selected.
```

18) List the employee whose name have a character set "II" together.

```
Run SQL Command Line                                                          —    □    ×
SQL> select * from emp_mayuresh
  2  where ename like '%ll%';

    EMPNO ENAME      JOB           MGR HIREDATE       SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7499 allen      salesman   7698 20-FEB-81      1600       300
       30

     7934 miller     clerk      7782 23-JAN-82      1300
       10
```

19) List the employee in ascending order of their names.

```
Run SQL Command Line                                                    —    □    ×

SQL> select * from emp_mayuresh
  2  order by ename asc;

    EMPNO ENAME      JOB            MGR HIREDATE       SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7876 admas      clerk          7788 23-MAY-87      1100
       20

     7499 allen      salesman       7698 20-FEB-81      1600        300
       30

     7698 blake      manager        7839 01-MAY-81      2850
       30

    EMPNO ENAME      JOB            MGR HIREDATE       SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7782 clark      manager        7839 09-JUN-81      2450
       10

     7902 ford       analyst        7566 03-DEC-81      3000
       20

     7900 james      clerk          7698 03-DEC-81       950
       30

    EMPNO ENAME      JOB            MGR HIREDATE       SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7566 jones      manager        7839 02-APR-81      2975
       20

     7839 king       president          17-NOV-81      5000
       10

     7654 martin     salesman       7698 28-FEB-81      1250       1400
       30

    EMPNO ENAME      JOB            MGR HIREDATE       SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7934 miller     clerk          7782 23-JAN-82      1300
       10

     7788 scott      analyst        7566 19-APR-81      3000
       20

     7369 smith      clerk          7902 17-DEC-80       800
       20
```

```
Run SQL Command Line                                                    —    □    ×

    EMPNO ENAME      JOB            MGR HIREDATE       SAL       COMM
---------- ---------- --------- ----------- --------- ---------- ----------
    DEPTNO
----------
     7844 turner     salesman       7698 08-SEP-81      1500          0
       30

     7521 ward       salesman       7698 22-FEB-81      1250        500
       30

14 rows selected.
```

20) List the employee in descending order of their names:

```
BD  Run SQL Command Line                                                      —    □    ✕
SQL> select * from emp_mayuresh
  2  order by ENAME desc;

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7521 ward       salesman       7698 22-FEB-81       1250        500
       30

     7844 turner     salesman       7698 08-SEP-81       1500          0
       30

     7369 smith      clerk          7902 17-DEC-80        800
       20


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7788 scott      analyst        7566 19-APR-81       3000
       20

     7934 miller     clerk          7782 23-JAN-82       1300
       10

     7654 martin     salesman       7698 28-FEB-81       1250       1400
       30


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7839 king       president           17-NOV-81       5000
       10

     7566 jones      manager        7839 02-APR-81       2975
       20

     7900 james      clerk          7698 03-DEC-81        950
       30


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7902 ford       analyst        7566 03-DEC-81       3000
       20

     7782 clark      manager        7839 09-JUN-81       2450
       10

     7698 blake      manager        7839 01-MAY-81       2850
       30
```

```
BD  Run SQL Command Line                                                      —    □    ✕

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7499 allen      salesman       7698 20-FEB-81       1600        300
       30

     7876 admas      clerk          7788 23-MAY-87       1100
       20

14 rows selected.
```

21) List the employee who do not belong to deptno 20.

```
Run SQL Command Line                                                    —    □    ×
SQL> select * from emp_mayuresh
  2  where DEPTNO not in 20;

    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7839 king       president         17-NOV-81     5000
       10

     7698 blake      manager      7839 01-MAY-81     2850
       30

     7782 clark      manager      7839 09-JUN-81     2450
       10


    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7499 allen      salesman     7698 20-FEB-81     1600        300
       30

     7521 ward       salesman     7698 22-FEB-81     1250        500
       30

     7654 martin     salesman     7698 28-FEB-81     1250       1400
       30


    EMPNO ENAME      JOB           MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7844 turner     salesman     7698 08-SEP-81     1500          0
       30

     7900 james      clerk        7698 03-DEC-81      950
       30

     7934 miller     clerk        7782 23-JAN-82     1300
       10

9 rows selected.
```
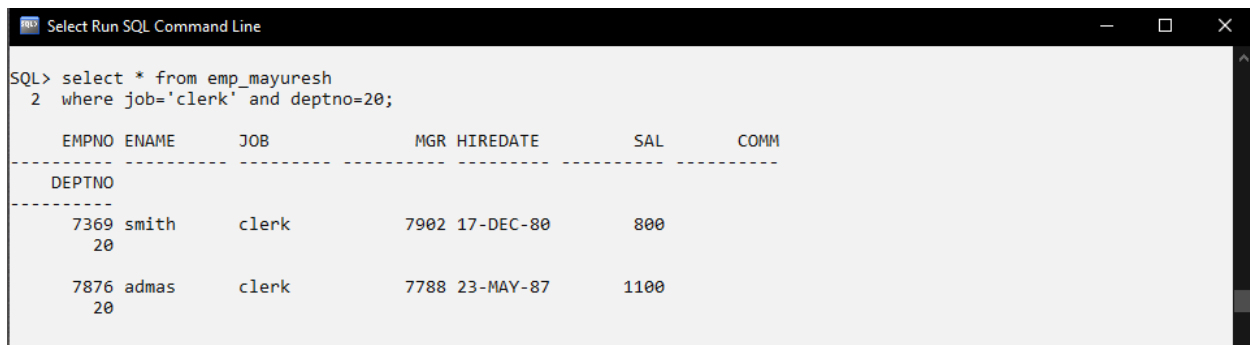
22) List all the employee except president & manager:

```
    Run SQL Command Line                                                —    □    ✕

SQL> select * from emp_mayuresh
  2  where job not in ('president','manager');

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7788 scott      analyst        7566 19-APR-81       3000
       20

     7902 ford       analyst        7566 03-DEC-81       3000
       20

     7369 smith      clerk          7902 17-DEC-80        800
       20


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7499 allen      salesman       7698 20-FEB-81       1600        300
       30

     7521 ward       salesman       7698 22-FEB-81       1250        500
       30

     7654 martin     salesman       7698 28-FEB-81       1250       1400
       30


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7844 turner     salesman       7698 08-SEP-81       1500          0
       30

     7876 admas      clerk          7788 23-MAY-87       1100
       20

     7900 james      clerk          7698 03-DEC-81        950
       30


    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7934 miller     clerk          7782 23-JAN-82       1300
       10

10 rows selected.
```

23) List the employee whose name start with A

```
    Run SQL Command Line                                                —    □    ✕

SQL> select * from emp_mayuresh
  2  where ename like 'a%';

    EMPNO ENAME      JOB             MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7499 allen      salesman       7698 20-FEB-81       1600        300
       30

     7876 admas      clerk          7788 23-MAY-87       1100
       20
```

24) List all the clerks of Deptno 20.

```
RD  Select Run SQL Command Line                                              —    □    ×

SQL> select * from emp_mayuresh
  2  where job='clerk' and deptno=20;

    EMPNO ENAME      JOB          MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7369 smith      clerk            7902 17-DEC-80        800
       20

     7876 admas      clerk            7788 23-MAY-87       1100
       20
```
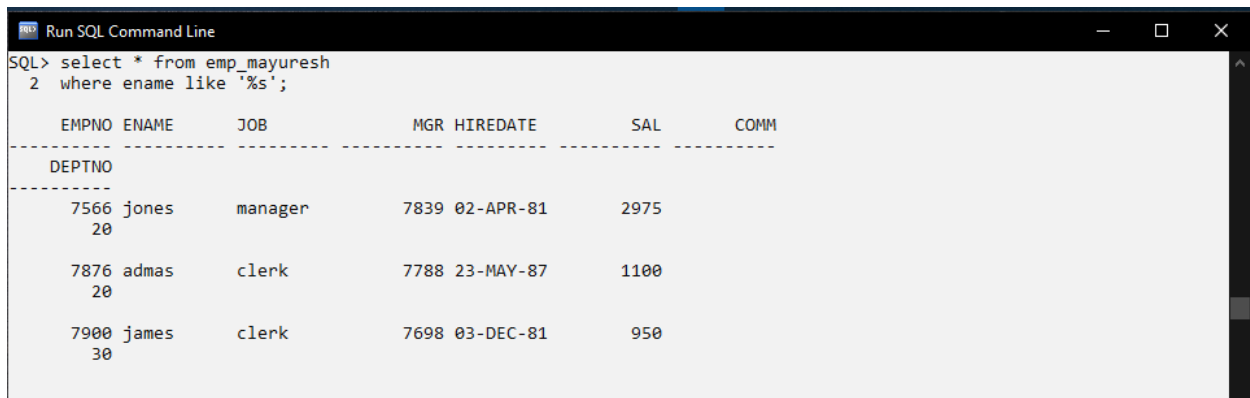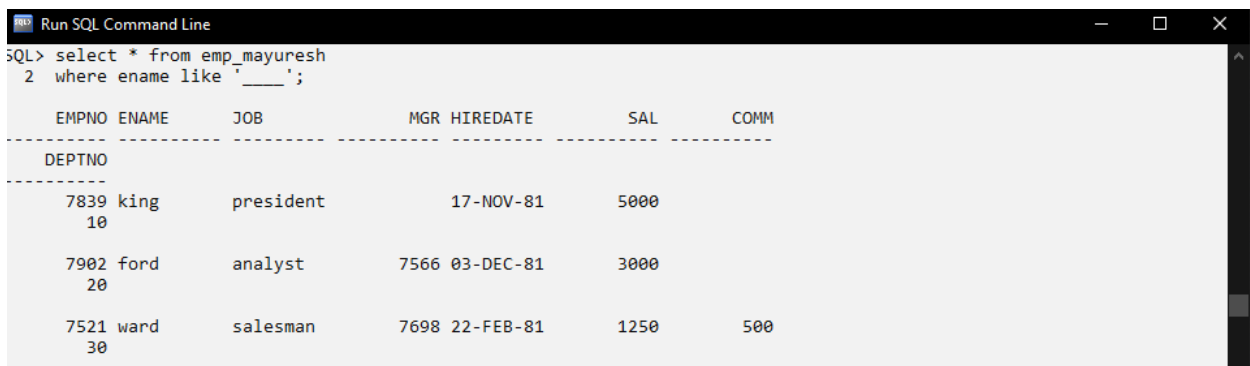
25) List the employee whose names ends with S.

```
RD  Run SQL Command Line                                                    —    □    ×

SQL> select * from emp_mayuresh
  2  where ename like '%s';

    EMPNO ENAME      JOB          MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7566 jones      manager          7839 02-APR-81       2975
       20

     7876 admas      clerk            7788 23-MAY-87       1100
       20

     7900 james      clerk            7698 03-DEC-81        950
       30
```

26) List the employee who has name of exactly 4 character.

```
RD  Run SQL Command Line                                                    —    □    ×

SQL> select * from emp_mayuresh
  2  where ename like '____';

    EMPNO ENAME      JOB          MGR HIREDATE        SAL       COMM
---------- ---------- --------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7839 king       president             17-NOV-81       5000
       10

     7902 ford       analyst          7566 03-DEC-81       3000
       20

     7521 ward       salesman         7698 22-FEB-81       1250        500
       30
```

27) List the names of the employee who are working as manager in department 10.

```
RUN Run SQL Command Line                                                        —   □   ×

SQL> select * from emp_mayuresh
  2  where job='manager' and deptno=10;

    EMPNO ENAME      JOB              MGR HIREDATE        SAL       COMM
---------- ---------- ---------- ---------- --------- ---------- ----------
    DEPTNO
----------
     7782 clark      manager         7839 09-JUN-81      2450
       10
```

28) List the total salary of employee working as analyst.

```
RUN Run SQL Command Line                                                        —   □   ×

SQL>
SQL> select sum(sal)
  2  from emp_mayuresh
  3  where job='analyst';

  SUM(SAL)
----------
      6000
```

29) List the minimum maximum and average salary of the employee

```
RUN Run SQL Command Line                                                        —   □   ×

SQL> select min(sal),max(sal),avg(sal) from emp_mayuresh;

  MIN(SAL)   MAX(SAL)   AVG(SAL)
---------- ---------- ----------
       800       5000 2073.21429
```

30) List the total number of employees working in departments 10.
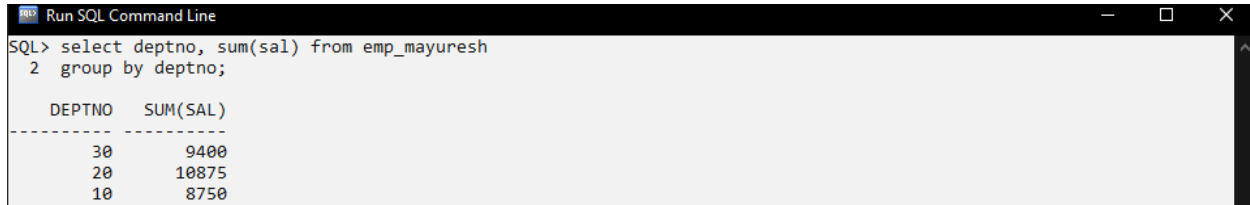
```
RUN Run SQL Command Line                                                        —   □   ×

SQL> select DEPTNO, count(*)
  2  from emp_mayuresh
  3  group by deptno;

    DEPTNO   COUNT(*)
---------- ----------
        30          6
        20          5
        10          3
```

B) Answer the following queries:
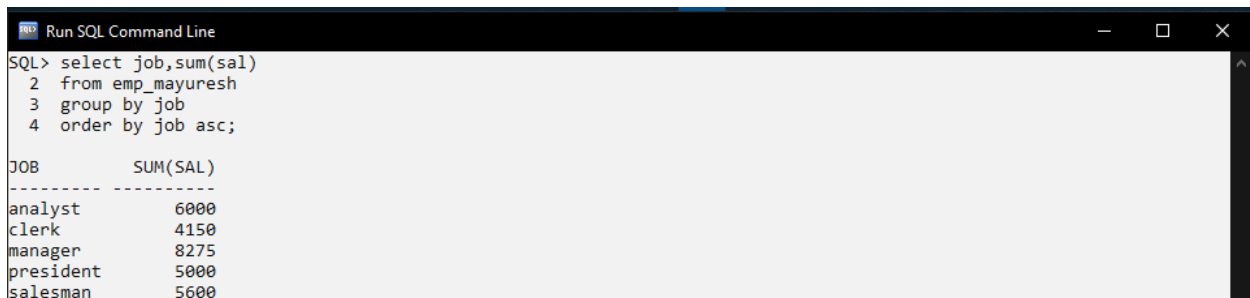
1) Display the total salary of employee departments wise.

```
Run SQL Command Line                                                    —    □    ✕
SQL> select deptno, sum(sal) from emp_mayuresh
  2  group by deptno;

   DEPTNO    SUM(SAL)
---------- ----------
       30        9400
       20       10875
       10        8750
```

2) Display the total salary of employee jobs wise in ascending order of job.

```
Run SQL Command Line                                                    —    □    ✕
SQL> select job,sum(sal)
  2  from emp_mayuresh
  3  group by job
  4  order by job asc;

JOB          SUM(SAL)
--------- ----------
analyst         6000
clerk           4150
manager         8275
president       5000
salesman        5600
```

3) Display the total number of employees with specific job

```
Run SQL Command Line                                                    —    □    ✕
SQL> select job, count(*)
  2  from emp_mayuresh
  3  group by job;

JOB         COUNT(*)
--------- ----------
salesman         4
president        1
clerk            4
manager          3
analyst          2
```

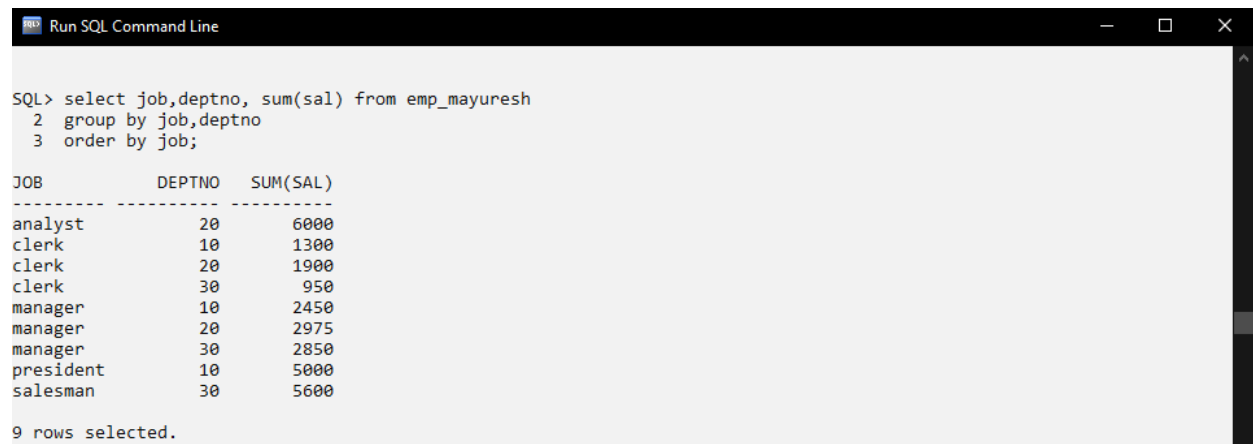4) Display the total number of employees working In each department.

```
Run SQL Command Line                                                    —    □    ✕
SQL> select deptno, count(*)
  2  from emp_mayuresh
  3  group by deptno;

   DEPTNO   COUNT(*)
---------- ----------
       30         6
       20         5
       10         3
```

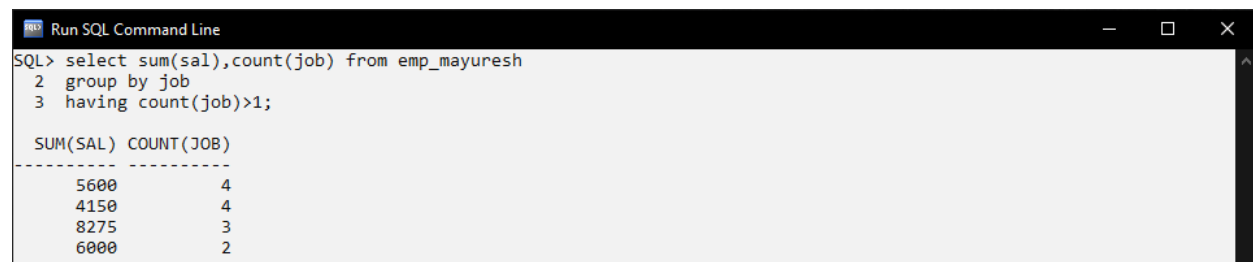5) Display the total employee specific to job and department in ascending order of job.

```
Run SQL Command Line                                         —    □    ×

SQL> select job,deptno, sum(sal) from emp_mayuresh
  2  group by job,deptno
  3  order by job;

JOB            DEPTNO   SUM(SAL)
---------  ----------  ----------
analyst            20        6000
clerk              10        1300
clerk              20        1900
clerk              30         950
manager            10        2450
manager            20        2975
manager            30        2850
president          10        5000
salesman           30        5600

9 rows selected.
```
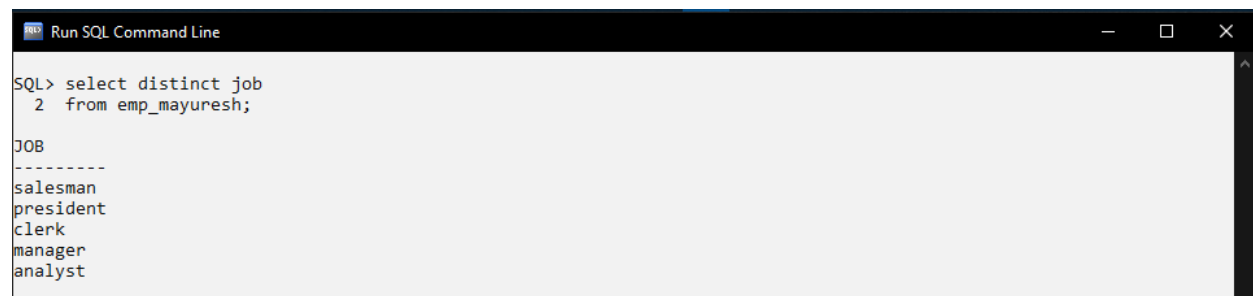
6) Display the total salary of the employee specific to job when employee count is greater than 1.

```
Run SQL Command Line                                         —    □    ×
SQL> select sum(sal),count(job) from emp_mayuresh
  2  group by job
  3  having count(job)>1;

 SUM(SAL) COUNT(JOB)
---------- ----------
     5600          4
     4150          4
     8275          3
     6000          2
```

7) Display unique job of employee

```
Run SQL Command Line                                         —    □    ×

SQL> select distinct job
  2  from emp_mayuresh;

JOB
---------
salesman
president
clerk
manager
analyst
```