18/10/2023

                QUERY EXECUTION SESSION

TOPIC:-
      1.PROJECTION

      2.EXPRESSION/ALIAS

QUESTIONS ON EMP AND DEPT TABLE :

1.WRITE A QUERY TO DISPLAY ALL THE DETAILS FROM THE
 EMPLOYEE TABLE
SELECT *
FROM EMP;

```
     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
      7566 JONES      MANAGER         7839 02-APR-81       2975
20
      7654 MARTIN     SALESMAN        7698 28-SEP-81       1250
1400       30
      7698 BLAKE      MANAGER         7839 01-MAY-81       2850
30
      7782 CLARK      MANAGER         7839 09-JUN-81       2450
10
      7788 SCOTT      ANALYST         7566 19-APR-87       3000
20
      7839 KING       PRESIDENT            17-NOV-81       5000
10
      7844 TURNER     SALESMAN        7698 08-SEP-81       1500
0         30
      7876 ADAMS      CLERK           7788 23-MAY-87       1100
20
      7900 JAMES      CLERK           7698 03-DEC-81        950
30
      7902 FORD       ANALYST         7566 03-DEC-81       3000
20
      7934 MILLER     CLERK           7782 23-JAN-82       1300
10

14 rows selected.
```

2.WAQTD NAMES OF ALL THE EMPLOYEES

SELECT ENAME
FROM EMP;

```
ENAME
----------
SMITH
ALLEN
```

```
WARD
JONES
MARTIN
BLAKE
CLARK
SCOTT
KING
TURNER
ADAMS
JAMES
FORD
MILLER
14 ROWS SELECTED
```

3.WAQTD NAME AND SALARY GIVEN TO ALL THE EMPLOYEES

```
SELECT ENAME, SAL
FROM EMP;

ENAME            SAL
---------- ----------
SMITH            800
ALLEN           1600
WARD            1250
JONES           2975
MARTIN          1250
BLAKE           2850
CLARK           2450
SCOTT           3000
KING            5000
TURNER          1500
ADAMS           1100
JAMES            950
FORD            3000
MILLER          1300
14 rows selected.
```

4.WAQTD NAME AND COMMISSION GIVEN TO ALL THE EMPLOYEES

```
SELECT ENAME,COMM
FROM EMP;

ENAME           COMM
---------- ----------
SMITH
ALLEN            300
WARD             500
JONES
MARTIN          1400
BLAKE
CLARK
SCOTT
KING
TURNER             0
ADAMS
JAMES
FORD
MILLER

14 rows selected.
```

5.WAQTD EMPLOYEE ID AND DEPARTMENT NUMBER OF ALL THE
 EMPLOYEES IN EMP TABLE.

```
SELECT EMPNO,DEPTNO
FROM EMP;
```

```
     EMPNO     DEPTNO
---------- ----------
      7369         20
      7499         30
      7521         30
      7566         20
      7654         30
      7698         30
      7782         10
      7788         20
      7839         10
      7844         30
      7876         20
      7900         30
      7902         20
      7934         10
```

14 rows selected.

6.WAQTD ENAME AND HIREDATE OF ALL THE EMPLOYEES

```
SELECT ENAME,HIREDATE
FROM EMP;
```

```
ENAME      HIREDATE
---------- ---------
SMITH      17-DEC-80
ALLEN      20-FEB-81
WARD       22-FEB-81
JONES      02-APR-81
MARTIN     28-SEP-81
BLAKE      01-MAY-81
CLARK      09-JUN-81
SCOTT      19-APR-87
KING       17-NOV-81
TURNER     08-SEP-81
ADAMS      23-MAY-87
JAMES      03-DEC-81
FORD       03-DEC-81
MILLER     23-JAN-82
```

14 rows selected.

7.WAQTD NAME AND DESIGNATION OF ALL THE EMPLPOYEES

```
SELECT ENAME,JOB
FROM EMP;
```

```
ENAME      JOB
---------- ---------
SMITH      CLERK
ALLEN      SALESMAN
WARD       SALESMAN
```

```
JONES       MANAGER
MARTIN      SALESMAN
BLAKE       MANAGER
CLARK       MANAGER
SCOTT       ANALYST
KING        PRESIDENT
TURNER      SALESMAN
ADAMS       CLERK
JAMES       CLERK
FORD        ANALYST
MILLER      CLERK

14 rows selected.
```

8.WAQTD NAME , JOB AND SALARY GIVEN ALL THE EMPLOYEES

```
SELECT ENAME,JOB,SAL
FROM EMP;

ENAME       JOB              SAL
---------- --------- ----------
SMITH       CLERK            800
ALLEN       SALESMAN        1600
WARD        SALESMAN        1250
JONES       MANAGER         2975
MARTIN      SALESMAN        1250
BLAKE       MANAGER         2850
CLARK       MANAGER         2450
SCOTT       ANALYST         3000
KING        PRESIDENT       5000
TURNER      SALESMAN        1500
ADAMS       CLERK           1100
JAMES       CLERK            950
FORD        ANALYST         3000
MILLER      CLERK           1300

14 rows selected.
```

9.WAQTD DNAMES PRESENT IN DEPARTMENT TABLE

```
SELECT DNAME
FROM DEPT;


DNAME
--------------
ACCOUNTING
RESEARCH
SALES
OPERATIONS
```

10.WAQTD DNAME AND LOCATION PRESENT IN DEPT TABLE

```
SELECT DNAME,LOC
FROM DEPT;


DNAME          LOC
-------------- -------------
ACCOUNTING     NEW YORK
RESEARCH       DALLAS
```

```
SALES         CHICAGO
OPERATIONS    BOSTON

QUESTIONS ON EXPRESSION & ALIAS:-
-------------------------------------------------------
1.WAQTD NAME AND SALARY GIVEN TO THE EMPLOYEES

SELECT ENAME NAME,SAL SALARY
FROM EMP;


NAME           SALARY
---------- ----------
SMITH             800
ALLEN            1600
WARD             1250
JONES            2975
MARTIN           1250
BLAKE            2850
CLARK            2450
SCOTT            3000
KING             5000
TURNER           1500
ADAMS            1100
JAMES             950
FORD             3000
MILLER           1300

14 rows selected.

2.WAQTD NAME AND  ANNUAL SALARY WITH THE HIKE OF 10%.

SELECT ENAME NAME, SAL*12+SAL*12*10/100 "ANNUAL SALARY"
FROM EMP;

NAME       ANNUAL SALARY
---------- -------------
SMITH             10560
ALLEN             21120
WARD              16500
JONES             39270
MARTIN            16500
BLAKE             37620
CLARK             32340
SCOTT             39600
KING              66000
TURNER            19800
ADAMS             14520
JAMES             12540
FORD              39600
MILLER            17160

14 rows selected.

3.WAQTD ALL THE DETAILS OF THE EMPLOYEE ALONG WITH DEPTNO

SELECT EMP.*,DEPTNO
FROM EMP;
```

```
       EMPNO ENAME      JOB             MGR HIREDATE         SAL
COMM        DEPTNO    DEPTNO
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ----------
        7369 SMITH      CLERK          7902 17-DEC-80        800
20          20
        7499 ALLEN      SALESMAN       7698 20-FEB-81       1600
300          30         30
        7521 WARD       SALESMAN       7698 22-FEB-81       1250
500          30         30
        7566 JONES      MANAGER        7839 02-APR-81       2975
20          20
        7654 MARTIN     SALESMAN       7698 28-SEP-81       1250
1400          30         30
        7698 BLAKE      MANAGER        7839 01-MAY-81       2850
30          30
        7782 CLARK      MANAGER        7839 09-JUN-81       2450
10          10
        7788 SCOTT      ANALYST        7566 19-APR-87       3000
20          20
        7839 KING       PRESIDENT           17-NOV-81       5000
10          10
        7844 TURNER     SALESMAN       7698 08-SEP-81       1500
0          30         30
        7876 ADAMS      CLERK          7788 23-MAY-87       1100
20          20
        7900 JAMES      CLERK          7698 03-DEC-81        950
30          30
        7902 FORD       ANALYST        7566 03-DEC-81       3000
20          20
        7934 MILLER     CLERK          7782 23-JAN-82       1300
10          10

14 rows selected.

4.WAQTD NAME , JOB , SALARY WITH A HIKE OF 20%

SELECT ENAME NAME,JOB,SAL+SAL*20/100 SALARY
FROM EMP;

NAME       JOB           SALARY
---------- --------- ----------
SMITH      CLERK            960
ALLEN      SALESMAN        1920
WARD       SALESMAN        1500
JONES      MANAGER         3570
MARTIN     SALESMAN        1500
BLAKE      MANAGER         3420
CLARK      MANAGER         2940
SCOTT      ANALYST         3600
KING       PRESIDENT       6000
TURNER     SALESMAN        1800
ADAMS      CLERK           1320
JAMES      CLERK           1140
FORD       ANALYST         3600
MILLER     CLERK           1560

14 rows selected.
```

5.WAQTD NAME SAL AND SAL WITH DEDUCTION OF 35%

```
SELECT ENAME NAME,SAL,SAL-SAL*35/100 SAL
FROM EMP;
```

```
NAME              SAL        SAL
---------- ---------- ----------
SMITH             800        520
ALLEN            1600       1040
WARD             1250      812.5
JONES            2975    1933.75
MARTIN           1250      812.5
BLAKE            2850     1852.5
CLARK            2450     1592.5
SCOTT            3000       1950
KING             5000       3250
TURNER           1500        975
ADAMS            1100        715
JAMES             950      617.5
FORD             3000       1950
MILLER           1300        845
```

14 rows selected.

6.WAQTD NAME AND JOB, HIREDATE GIVEN TO THE EMPLOYEES.

```
SELECT ENAME NAME,JOB,HIREDATE
FROM EMP;
```

```
NAME       JOB       HIREDATE
---------- --------- ---------
SMITH      CLERK     17-DEC-80
ALLEN      SALESMAN  20-FEB-81
WARD       SALESMAN  22-FEB-81
JONES      MANAGER   02-APR-81
MARTIN     SALESMAN  28-SEP-81
BLAKE      MANAGER   01-MAY-81
CLARK      MANAGER   09-JUN-81
SCOTT      ANALYST   19-APR-87
KING       PRESIDENT 17-NOV-81
TURNER     SALESMAN  08-SEP-81
ADAMS      CLERK     23-MAY-87
JAMES      CLERK     03-DEC-81
FORD       ANALYST   03-DEC-81
MILLER     CLERK     23-JAN-82
```

14 rows selected.

7.WAQTD NAME AND SAL WITH THE HIKE OF 500.

```
SELECT ENAME NAME, SAL+500
FROM EMP;
```

```
NAME         SAL+500
---------- ----------
SMITH           1300
ALLEN           2100
```

```
WARD              1750
JONES             3475
MARTIN            1750
BLAKE             3350
CLARK             2950
SCOTT             3500
KING              5500
TURNER            2000
ADAMS             1600
JAMES             1450
FORD              3500
MILLER            1800
```

14 rows selected.

8.WAQTD ALL THE DETAILS OF THE EMPLOYEE ALONG WITH EMPNO

```
SELECT EMP.*,EMPNO
FROM EMP;


     EMPNO ENAME      JOB            MGR HIREDATE        SAL
COMM      DEPTNO      EMPNO
---------- ---------- -------- ---------- --------- ---------- ---------
- ---------- ----------
      7369 SMITH      CLERK         7902 17-DEC-80       800
20       7369
      7499 ALLEN      SALESMAN      7698 20-FEB-81      1600
300       30        7499
      7521 WARD       SALESMAN      7698 22-FEB-81      1250
500       30        7521
      7566 JONES      MANAGER       7839 02-APR-81      2975
20       7566
      7654 MARTIN     SALESMAN      7698 28-SEP-81      1250
1400       30        7654
      7698 BLAKE      MANAGER       7839 01-MAY-81      2850
30       7698
      7782 CLARK      MANAGER       7839 09-JUN-81      2450
10       7782
      7788 SCOTT      ANALYST       7566 19-APR-87      3000
20       7788
      7839 KING       PRESIDENT          17-NOV-81      5000
10       7839
      7844 TURNER     SALESMAN      7698 08-SEP-81      1500
0        30        7844
      7876 ADAMS      CLERK         7788 23-MAY-87      1100
20       7876
      7900 JAMES      CLERK         7698 03-DEC-81       950
30       7900
      7902 FORD       ANALYST       7566 03-DEC-81      3000
20       7902
      7934 MILLER     CLERK         7782 23-JAN-82      1300
10       7934
```

14 rows selected.

9.WAQTD NAME ANNUAL SALARY AND ANNUAL SALARY WITH A
 DEDUCTION OF 2500

```
SELECT ENAME NAME,SAL*12 "ANNUAL SALARY", SAL*12-2500 ANNUAL_SALARY
```

```
FROM EMP;

NAME        ANNUAL SALARY ANNUAL_SALARY
---------- ------------- -------------
SMITH               9600          7100
ALLEN              19200         16700
WARD               15000         12500
JONES              35700         33200
MARTIN             15000         12500
BLAKE              34200         31700
CLARK              29400         26900
SCOTT              36000         33500
KING               60000         57500
TURNER             18000         15500
ADAMS              13200         10700
JAMES              11400          8900
FORD               36000         33500
MILLER             15600         13100

14 rows selected.

10.WAQTD NAME AND SALARY OF AN EMPLOYEE WITH A HIKE OF 3000.

SELECT ENAME NAME,SAL+3000 SALARY
FROM EMP;


NAME           SALARY
---------- ----------
SMITH            3800
ALLEN            4600
WARD             4250
JONES            5975
MARTIN           4250
BLAKE            5850
CLARK            5450
SCOTT            6000
KING             8000
TURNER           4500
ADAMS            4100
JAMES            3950
FORD             6000
MILLER           4300

14 rows selected.

ASSIGNMENT  QUESTIONS ON EXPRESSION & ALIAS:-
-----------------------------------------------------------------------
1.WAQTD NAME OF THE EMPLOYEE ALONG WITH THEIR ANNUAL SALARY.

SELECT ENAME NAME ,SAL*12 ANNUAL_SALARY
FROM EMP;

NAME        ANNUAL_SALARY
---------- -------------
SMITH               9600
ALLEN              19200
WARD               15000
JONES              35700
MARTIN             15000
```

```
BLAKE              34200
CLARK              29400
SCOTT              36000
KING               60000
TURNER             18000
ADAMS              13200
JAMES              11400
FORD               36000
MILLER             15600

14 rows selected.
```

2.WAQTD ENAME AND JOB FOR ALL THE EMPLOYEE WITH THEIR HALF
TERM SALARY.

```
SELECT ENAME,JOB, SAL*6 "HALF TERM SALARY"
FROM EMP;

ENAME       JOB        HALF TERM SALARY
---------- --------- ----------------
SMITH       CLERK                 4800
ALLEN       SALESMAN              9600
WARD        SALESMAN              7500
JONES       MANAGER              17850
MARTIN      SALESMAN              7500
BLAKE       MANAGER              17100
CLARK       MANAGER              14700
SCOTT       ANALYST              18000
KING        PRESIDENT            30000
TURNER      SALESMAN              9000
ADAMS       CLERK                 6600
JAMES       CLERK                 5700
FORD        ANALYST              18000
MILLER      CLERK                 7800

14 rows selected.
```

3.WAQTD ALL THE DETAILS OF THE EMPLOYEES ALONG WITH AN ANNUAL
  BONUS OF 2000.

```
SELECT EMP.*,SAL*12+2000 "ANNUAL BONUS"
FROM EMP;

     EMPNO ENAME       JOB            MGR HIREDATE          SAL
COMM      DEPTNO ANNUAL BONUS
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ------------
      7369 SMITH       CLERK         7902 17-DEC-80          800
20       11600
      7499 ALLEN       SALESMAN      7698 20-FEB-81         1600
300        30      21200
      7521 WARD        SALESMAN      7698 22-FEB-81         1250
500        30      17000
      7566 JONES       MANAGER       7839 02-APR-81         2975
20       37700
      7654 MARTIN      SALESMAN      7698 28-SEP-81         1250
1400        30       17000
      7698 BLAKE       MANAGER       7839 01-MAY-81         2850
30       36200
```

```
      7782 CLARK      MANAGER         7839 09-JUN-81      2450
10       31400
      7788 SCOTT      ANALYST         7566 19-APR-87      3000
20       38000
      7839 KING       PRESIDENT            17-NOV-81      5000
10       62000
      7844 TURNER     SALESMAN        7698 08-SEP-81      1500
0        30      20000
      7876 ADAMS      CLERK           7788 23-MAY-87      1100
20       15200
      7900 JAMES      CLERK           7698 03-DEC-81       950
30       13400
      7902 FORD       ANALYST         7566 03-DEC-81      3000
20       38000
      7934 MILLER     CLERK           7782 23-JAN-82      1300
10       17600

14 rows selected.
```

4.WAQTD NAME SALARY AND SALARY WITH A HIKE OF 10%.

```
SELECT ENAME NAME,SAL SALARY,SAL+SAL*10/100 SALARY
FROM EMP;


NAME         SALARY     SALARY
---------- ---------- ----------
SMITH          800        880
ALLEN         1600       1760
WARD          1250       1375
JONES         2975       3272.5
MARTIN        1250       1375
BLAKE         2850       3135
CLARK         2450       2695
SCOTT         3000       3300
KING          5000       5500
TURNER        1500       1650
ADAMS         1100       1210
JAMES          950       1045
FORD          3000       3300
MILLER        1300       1430

14 rows selected.
```

5.WAQTD NAME AND SALARY WITH DEDUCTION OF 25%.

```
SELECT ENAME NAME,SAL-SAL*25/100 SALARY
FROM EMP;

NAME         SALARY
---------- ----------
SMITH          600
ALLEN         1200
WARD          937.5
JONES        2231.25
MARTIN        937.5
BLAKE        2137.5
CLARK        1837.5
SCOTT         2250
KING          3750
```

```
TURNER          1125
ADAMS            825
JAMES          712.5
FORD            2250
MILLER           975

14 rows selected.


6.WAQTD NAME AND SALARY WITH  MONTHLY HIKE OF 50.

SELECT ENAME NAME,SAL*1+50 SALARY
FROM EMP;

NAME           SALARY
---------- ----------
SMITH            850
ALLEN           1650
WARD            1300
JONES           3025
MARTIN          1300
BLAKE           2900
CLARK           2500
SCOTT           3050
KING            5050
TURNER          1550
ADAMS           1150
JAMES           1000
FORD            3050
MILLER          1350

14 rows selected.

7.WAQTD NAME AND ANNUAL SALARY WITH DEDUCTION OF 10%.

SELECT ENAME NAME,SAL*12-SAL*12*10/100 "ANNUAL SALARY"
FROM EMP;


NAME       ANNUAL SALARY
---------- -------------
SMITH             8640
ALLEN            17280
WARD             13500
JONES            32130
MARTIN           13500
BLAKE            30780
CLARK            26460
SCOTT            32400
KING             54000
TURNER           16200
ADAMS            11880
JAMES            10260
FORD             32400
MILLER           14040

14 rows selected.

8.WAQTD TOTAL SALARY GIVEN TO EACH EMPLOYEE(SAL+COMM)
```

```
SELECT SAL+COMM "TOTAL SALARY"
FROM EMP;


TOTAL SALARY
------------

        1900
        1750

       2650




        1500




14 rows selected.


9.WAQTD DETAILS OF ALL THE EMPLOYEES ALONG WITH ANNUAL SALARY.

SELECT EMP.*,SAL*12 "ANNUAL SALARY"
FROM EMP;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	ANNUAL SALARY
7369	SMITH	CLERK	7902	17-DEC-80	800		20	9600
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	19200
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	15000
7566	JONES	MANAGER	7839	02-APR-81	2975		20	35700
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	15000
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30	34200
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10	29400
7788	SCOTT	ANALYST	7566	19-APR-87	3000		20	36000
7839	KING	PRESIDENT		17-NOV-81	5000		10	60000
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	18000
7876	ADAMS	CLERK	7788	23-MAY-87	1100		20	13200
7900	JAMES	CLERK	7698	03-DEC-81	950		30	11400
7902	FORD	ANALYST	7566	03-DEC-81	3000		20	36000

```
     7934 MILLER      CLERK             7782 23-JAN-82        1300
10       15600
```

14 rows selected.

10.WAQTD NAME AND DESIGNATION ALONG WITH 100 PENALTY IN SALARY.

```
SELECT ENAME NAME,JOB DESIGNATION,SAL-100 SALARY
FROM EMP;
```

```
NAME        DESIGNATI    SALARY
----------  ---------  ----------
SMITH       CLERK             700
ALLEN       SALESMAN         1500
WARD        SALESMAN         1150
JONES       MANAGER         2875
MARTIN      SALESMAN         1150
BLAKE       MANAGER         2750
CLARK       MANAGER         2350
SCOTT       ANALYST         2900
KING        PRESIDENT       4900
TURNER      SALESMAN        1400
ADAMS       CLERK           1000
JAMES       CLERK            850
FORD        ANALYST         2900
MILLER      CLERK           1200
```

14 rows selected.

11.WAQTD NAME OF THE EMP ALONG WITH THEIR HALF TERM SAL.

```
SELECT ENAME NAME,SAL*6 "HALF TERM SAL"
FROM EMP;
```

```
NAME        HALF TERM SAL
----------  -------------
SMITH                4800
ALLEN                9600
WARD                 7500
JONES               17850
MARTIN               7500
BLAKE               17100
CLARK               14700
SCOTT               18000
KING                30000
TURNER               9000
ADAMS                6600
JAMES                5700
FORD                18000
MILLER               7800
```

14 rows selected.

12.WAQTD ENAME AND HIREDATE FOR ALL THE EMP WITH THEIR ANNUAL SALARY.

```
SELECT ENAME ,HIREDATE,SAL*12 "ANNUAL SALARY"
FROM EMP;
```

```
ENAME       HIREDATE  ANNUAL SALARY
---------- --------- -------------
SMITH      17-DEC-80          9600
ALLEN      20-FEB-81         19200
WARD       22-FEB-81         15000
JONES      02-APR-81         35700
MARTIN     28-SEP-81         15000
BLAKE      01-MAY-81         34200
CLARK      09-JUN-81         29400
SCOTT      19-APR-87         36000
KING       17-NOV-81         60000
TURNER     08-SEP-81         18000
ADAMS      23-MAY-87         13200
JAMES      03-DEC-81         11400
FORD       03-DEC-81         36000
MILLER     23-JAN-82         15600

14 rows selected.
```

13.WAQTD ALL THE DETAILS OF THE EMPLOYEES ALONG WITH AN SALARY
   BONUS OF 2000.

```
SELECT  EMP.*,SAL+2000 SALARY
FROM EMP;


     EMPNO ENAME      JOB            MGR HIREDATE        SAL
COMM      DEPTNO     SALARY
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ----------
      7369 SMITH      CLERK          7902 17-DEC-80       800
20      2800
      7499 ALLEN      SALESMAN       7698 20-FEB-81      1600
300       30      3600
      7521 WARD       SALESMAN       7698 22-FEB-81      1250
500       30      3250
      7566 JONES      MANAGER        7839 02-APR-81      2975
20      4975
      7654 MARTIN     SALESMAN       7698 28-SEP-81      1250
1400       30      3250
      7698 BLAKE      MANAGER        7839 01-MAY-81      2850
30      4850
      7782 CLARK      MANAGER        7839 09-JUN-81      2450
10      4450
      7788 SCOTT      ANALYST        7566 19-APR-87      3000
20      5000
      7839 KING       PRESIDENT           17-NOV-81      5000
10      7000
      7844 TURNER     SALESMAN       7698 08-SEP-81      1500
0        30      3500
      7876 ADAMS      CLERK          7788 23-MAY-87      1100
20      3100
      7900 JAMES      CLERK          7698 03-DEC-81       950
30      2950
      7902 FORD       ANALYST        7566 03-DEC-81      3000
20      5000
      7934 MILLER     CLERK          7782 23-JAN-82      1300
10      3300
```

14 rows selected.

14.WAQTD DETAILS OF THE EMP AND SALARY WITH A HIKE OF 12%.

SELECT EMP.*,SAL+SAL*12/100 SALARY
FROM EMP;

```
     EMPNO ENAME      JOB            MGR HIREDATE         SAL
COMM      DEPTNO     SALARY
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ----------
      7369 SMITH      CLERK           7902 17-DEC-80        800
20         896
      7499 ALLEN      SALESMAN        7698 20-FEB-81       1600
300        30       1792
      7521 WARD       SALESMAN        7698 22-FEB-81       1250
500        30       1400
      7566 JONES      MANAGER         7839 02-APR-81       2975
20       3332
      7654 MARTIN     SALESMAN        7698 28-SEP-81       1250
1400       30       1400
      7698 BLAKE      MANAGER         7839 01-MAY-81       2850
30       3192
      7782 CLARK      MANAGER         7839 09-JUN-81       2450
10       2744
      7788 SCOTT      ANALYST         7566 19-APR-87       3000
20       3360
      7839 KING       PRESIDENT            17-NOV-81       5000
10       5600
      7844 TURNER     SALESMAN        7698 08-SEP-81       1500
0          30       1680
      7876 ADAMS      CLERK           7788 23-MAY-87       1100
20       1232
      7900 JAMES      CLERK           7698 03-DEC-81        950
30       1064
      7902 FORD       ANALYST         7566 03-DEC-81       3000
20       3360
      7934 MILLER     CLERK           7782 23-JAN-82       1300
10       1456
```

14 rows selected.

15.WAQTD NAME AND SALARY WITH DEDUCTION OF 15%

SELECT ENAME NAME,SAL-SAL*15/100
FROM EMP;

```
NAME       SAL-SAL*15/100
---------- --------------
SMITH                 680
ALLEN                1360
WARD               1062.5
JONES             2528.75
MARTIN             1062.5
BLAKE              2422.5
CLARK              2082.5
SCOTT                2550
KING                 4250
TURNER               1275
ADAMS                 935
```

```
JAMES                807.5
FORD                 2550
MILLER               1105

14 rows selected.

16.WAQTD DETAILS OF THE EMP WITH MONTHLY HIKE OF 500

SELECT EMP.*,SAL*1+500
FROM EMP;


     EMPNO ENAME      JOB             MGR HIREDATE        SAL
COMM     DEPTNO  SAL*1+500
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ----------
      7369 SMITH      CLERK          7902 17-DEC-80        800
20      1300
      7499 ALLEN      SALESMAN       7698 20-FEB-81       1600
300         30      2100
      7521 WARD       SALESMAN       7698 22-FEB-81       1250
500         30      1750
      7566 JONES      MANAGER        7839 02-APR-81       2975
20      3475
      7654 MARTIN     SALESMAN       7698 28-SEP-81       1250
1400         30      1750
      7698 BLAKE      MANAGER        7839 01-MAY-81       2850
30      3350
      7782 CLARK      MANAGER        7839 09-JUN-81       2450
10      2950
      7788 SCOTT      ANALYST        7566 19-APR-87       3000
20      3500
      7839 KING       PRESIDENT           17-NOV-81       5000
10      5500
      7844 TURNER     SALESMAN       7698 08-SEP-81       1500
0         30      2000
      7876 ADAMS      CLERK          7788 23-MAY-87       1100
20      1600
      7900 JAMES      CLERK          7698 03-DEC-81        950
30      1450
      7902 FORD       ANALYST        7566 03-DEC-81       3000
20      3500
      7934 MILLER     CLERK          7782 23-JAN-82       1300
10      1800

14 rows selected.

17.WAQTD NAME,SALARY,JOB AND ANNUAL SALARY WITH DEDUCTION OF 15%

SELECT ENAME NAME,SAL SALARY,JOB,SAL*12-SAL*12*15/100 "ANNUAL SALARY"
FROM EMP;


NAME           SALARY JOB       ANNUAL SALARY
---------- ---------- --------- -------------
SMITH             800 CLERK              8160
ALLEN            1600 SALESMAN          16320
WARD             1250 SALESMAN          12750
JONES            2975 MANAGER           30345
MARTIN           1250 SALESMAN          12750
```

```
BLAKE              2850 MANAGER          29070
CLARK              2450 MANAGER          24990
SCOTT              3000 ANALYST          30600
KING               5000 PRESIDENT        51000
TURNER             1500 SALESMAN         15300
ADAMS              1100 CLERK            11220
JAMES               950 CLERK             9690
FORD               3000 ANALYST          30600
MILLER             1300 CLERK            13260

14 rows selected.
```

18.WAQTD DETAILS OF THE EMPS ALONG WITH THERE DESIGNATION.

```
SELECT EMP.*,JOB DESIGNATION
FROM EMP;


     EMPNO ENAME      JOB              MGR HIREDATE        SAL
COMM      DEPTNO DESIGNATI
---------- ---------- --------- ---------- --------- ---------- ---------
- ---------- ---------
      7369 SMITH      CLERK           7902 17-DEC-80        800
20 CLERK
      7499 ALLEN      SALESMAN        7698 20-FEB-81       1600
300        30 SALESMAN
      7521 WARD       SALESMAN        7698 22-FEB-81       1250
500        30 SALESMAN
      7566 JONES      MANAGER         7839 02-APR-81       2975
20 MANAGER
      7654 MARTIN     SALESMAN        7698 28-SEP-81       1250
1400       30 SALESMAN
      7698 BLAKE      MANAGER         7839 01-MAY-81       2850
30 MANAGER
      7782 CLARK      MANAGER         7839 09-JUN-81       2450
10 MANAGER
      7788 SCOTT      ANALYST         7566 19-APR-87       3000
20 ANALYST
      7839 KING       PRESIDENT            17-NOV-81       5000
10 PRESIDENT
      7844 TURNER     SALESMAN        7698 08-SEP-81       1500
0          30 SALESMAN
      7876 ADAMS      CLERK           7788 23-MAY-87       1100
20 CLERK
      7900 JAMES      CLERK           7698 03-DEC-81        950
30 CLERK
      7902 FORD       ANALYST         7566 03-DEC-81       3000
20 ANALYST
      7934 MILLER     CLERK           7782 23-JAN-82       1300
10 CLERK

14 rows selected.
```

19.WAQTD DETAILS OF THE EMPS ALONG WITH ANNUAL SALARY AND HALF TERM
SALARY

```
SELECT SAL*12 "ANNUAL SALARY",SAL*3 "HALF TERM SALARY"
FROM EMP;
```

```
ANNUAL SALARY HALF TERM SALARY
------------- ----------------
         9600             2400
        19200             4800
        15000             3750
        35700             8925
        15000             3750
        34200             8550
        29400             7350
        36000             9000
        60000            15000
        18000             4500
        13200             3300
        11400             2850
        36000             9000
        15600             3900

14 rows selected.
```

20.WAQTD DETAILS OF EMPS ALONG WITH 200 PENALITY IN SALARY.

```
SELECT SAL-200 SALARY
FROM EMP;

    SALARY
----------
       600
      1400
      1050
      2775
      1050
      2650
      2250
      2800
      4800
      1300
       900
       750
      2800
      1100

14 rows selected.
```