PRACTICAL NO-4

AIM : CREATE THE GIVEN TABLES AND INSERT THE DATA ACCORDINGLY.

1 . Retrieve all data from employee, jobs and deposit.

- SELECT * FROM DEPOSIT2_18100;

```
SQL> select * from deposit2_18100;

A_NO  CNAME           BNAME          AMOUNT A_DATE
----- --------------- ---------- ---------- ---------
104   vijay           andheri          8000 17-SEP-06
101   Anil            andheri          7000 01-JAN-06
102   Sunil           virar            5000 15-JUL-06
103   Jay             villeparle       6500 12-MAR-06
104   vijay           andheri          8000 17-SEP-06
```

- SELECT * FROM EMPLOYEE_18100;

```
SQL> select * from employee_18100;

    EMP_NO EMP_NAME                       EMP_SAL   EMP_COMM    DEPT_NO
---------- ------------------------------ ---------- ---------- ----------
       101 Smith                             800                    20
       102 Snehal                           1600        300         25
       103 Adama                            1100          0         20
       104 Aman                             3000                    15
       105 Anita                            5000      50000         10
       106 Sneha                            2450      24500         10
       107 Anamika                          2975                    30

7 rows selected.
```

- SELECT * FROM JOB_18100;

```
SQL> select * from job_18100;

JOB_ID          KOB_TITLE                      MIN_SAL    MAX_SAL
--------------- ------------------------------ ---------- ----------
IT_PROG         Programmer                           4000      10000
ML_MGR          Marketing manager                    9000      15000
FI_MGR          Finance manager                      8200      12000
FI_ACC          Account                              4200       9000
LEC             Lecturer                             6000      17000
COMP_OP         Computer Operator                    1500       3000

6 rows selected.
```

2. Give details of account no. and deposited rupees of customers having account opened between dates 01-01-06 and 25-07-06.

- SELECT A_NO,AMOUNT FROM DEPOSIT2_18100 WHERE A_DATE BETWEEN '01-JAN-2006' AND '25-JUL-2006';

```
SQL> select a_no,amount from deposit2_18100 where a_date>'1-JAN-06' and a_date<'25-JUL-06';

A_NO     AMOUNT
----- ----------
102        5000
103        6500
```

3. Display all jobs with minimum salary is greater than 4000.

- SELECT JOB_TITLE FROM JOB_18100 WHERE MIN_SAL>4000

```
SQL> select min_sal from job_18100 where min_sal>4000;

   MIN_SAL
----------
      9000
      8200
      4200
      6000
```

4. Display name and salary of employee whose department no is 20. Give alias name to name of employee.

- SELECT EMP_NAME AS "EMPLOYEE",EMP_NAME,EMP_SAL FROM EMPLOYEE_18100 WHERE DEPT_NO=20;

```
SQL> select emp_name as "Employee Name",emp_name,emp_sal from employee_18100 where dept_no=20;

Employee Name              EMP_NAME                       EMP_SAL
-------------------------- ------------------------------ ----------
Smith                      Smith                             800
Adama                      Adama                            1100
```

5. Display employee no,name and department details of those employee whose
department lies in(10,20)

- SELECT EMP_NO,EMP_NAME FROM EMPLOYEE_18100 WHERE DEPT_NO IN(10,20);

```
SQL> select emp_name,emp_sal from employee_18100 where dept_no IN(10,20);

EMP_NAME                       EMP_SAL
------------------------------ ----------
Smith                             800
Adama                            1100
Anita                            5000
Sneha                            2450
```

(LIKE PREDICATE)

1. Display all employee whose name start with ‘A’ and third character is ‘a’.

- SELECT EMP_NAME FROM EMPLOYEE_18100 WHERE EMP_NAME LIKE 'A_a%';

```
  2
SQL> select emp_name from employee_18100 where emp_name LIKE 'A_a%';

EMP_NAME
------------------------------
Adama
Aman
Anamika
```

2. Display the non-null values of employees and also employee name second character should be ‘n’ and string should be 5 character long.

- SELECT * FROM EMPLOYEE_18100 WHERE EMP_COMM IS NOT NULL AND EMP_NAME LIKE '_n___';

```
SQL> select emp_name,emp_comm from employee_18100 where emp_comm is NOT NULL AND emp_name LIKE '_n_
_';

EMP_NAME                    EMP_COMM
--------------------------- ---------
Anita                         50000
Sneha                         24500
```

2. Display name, number and salary of those employees whose name is 5 characters long and first three characters are ‘Ani’.

- SELECT EMP_NAME,EMP_NO,EMP_SAL FROM EMPLOYEE_18100 WHERE EMP_NAME LIKE 'Ani__';

```
SQL> select emp_name,emp_no,emp_sal from employee_18100 where emp_name LIKE 'Ani_';

EMP_NAME                     EMP_NO    EMP_SAL
---------------------------- ---------- ----------
Anita                           105       5000
```

4. Display the null values of employee and also employee name’s third character should be ‘a’.

- SELECT * FROM EMPLOYEE_1525 WHERE EMP_COMM IS NULL AND EMP_NAME LIKE '__a%';

```
SQL> select emp_name,emp_comm from employee_18100 where emp_comm is NULL AND emp_name LIKE '__a%';

EMP_NAME                     EMP_COMM
---------------------------- ----------
Aman
Anamika
```

5. What will be output if you are giving LIKE predicate as ‘%_%’ ESCAPE ‘\’

- SELECT * FROM JOB_18100 WHERE JOB_ID LIKE '%_%' ESCAPE'\';

```
SQL> select job_id from job_18100 where job_id LIKE '%\_%' ESCAPE '\';

JOB_ID
--------------
IT_PROG
ML_MGR
FI_MGR
FI_ACC
COMP_OP
```