PRACTICAL-3

AIM: To study various options of LIKE predicate.

Query 1: Display all employee whose name start with 'A' and third character is 'a'.

SQL Statement: select * from Employee where Emp_name like 'A%' and Emp_name like '__a%'

Output:

EMP_NO	EMP_NAME	EMP_SAL	EMP_COMM	DEPT_NO
103	Adama	1100	0	20
104	Aman	3000		15
107	Anamika	2975		30

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

SQL Statement: select emp_name, emp_no, emp_sal from Employee where emp_name like 'Ani__'

Output:

EMP_NAME	EMP_NO	EMP_SAL
Anita	105	5000

Query 3: Display all information of employee whose second character of name is either 'M' or 'N'.

SQL Statement: select * from employee where emp_name like '_m%' or emp_name like '_n%'

Output:

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

Query 4: Find the list of all customer name whose branch is in 'andheri' or 'dadar' or 'virar'.

SQL Statement: select cname from deposit where bname like 'Andheri' or bname like 'dadar' or baname like 'virar'

Output:

CNAME
Anil
Sunil
Vijay
keyur

Query 5: Display the job name whose first three character in job id field is 'FI_'.

SQL Statement: select job_title from job where job_id like 'FI_%'

Output:

JOB_TITLE
Financial manager
Account

Query 6: Display the title/name of job whose last three character are '_MGR' and there maximum salary is greater than Rs 12000.

SQL Statement: select job_title from job where job_id like '%_MGR%' and max_sal>12000

Output:

JOB_TITLE
Marketing manager

Query 7: Display the non-null values of employees and also employee name second character should be 'n' and string should be 5 character long.

SQL Statement: select * from Employee where EMP_COMM IS NOT NULL and emp_name like '_n___'

Output:

EMP_NO	EMP_NAME	EMP_SAL	EMP_COMM	DEPT_NO
105	Anita	5000	50000	10
106	Sneha	2450	24500	10

Query 8: Display the null values of employee and also employee name's third character should be 'a'.

SQL Statement: select * from Employee where EMP_COMM IS NULL and emp_name like '__a%'

Output:

EMP_NO	EMP_NAME	EMP_SAL	EMP_COMM	DEPT_NO
104	Aman	3000		15
107	Anamika	2975		30

QUERY 9: What will be output if you are giving LIKE predicate as '%_%' ESCAPE '\'

SQL Statement: select * from job where job_id like '%_%' ESCAPE '\'

Output:

JOB_ID	JOB_TITLE	MIN_SAL	MAX_SAL
IT_PROG	Programmer	4000	10000
MK_MGR	Marketing manager	9000	15000
FI_MGR	Financial manager	8200	12000
FI_ACC	Account	4200	9000
COMP_OP	computer operator	1500	3000