PRACTICAL 2

Q 1 Create the below given table and insert the data accordingly.

SQL> create table job

  2 (jobid varchar2(5),jobtitle varchar2(30),minsal number(7,2),maxsal number(7,2));

Table created.

SQL> create table employee

  2 (empno number(3),empname varchar2(30),empsal number(8,2),empcomm number(6,1),

  3 deptno number(3));

Table created.

SQL> create table deposit1

2 (ano varchar2(5),cname varchar(15),bname varchar2(10),amount number(7,2),adate date);

Table created.

SQL> create table borrow1

2 (loanno varchar2(5),cname varchar2(15),bname varchar2(20),amount number(7,2));

Table created.

SQL> insert into employee

 2 values(&empno,'&empname',&empsal,&empcomm,&dept);

Enter value for empno: 101

Enter value for empname: smith

Enter value for empsal: 800

Enter value for empcomm: NULL

Enter value for dept: 20

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(101,'smith',800,NULL,20)

1 row created.

SQL> /

Enter value for empno: 102

Enter value for empname: snehal

Enter value for empsal: 1600

Enter value for empcomm: 300

Enter value for dept: 25

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(102,'snehal',1600,300,25)

1 row created.

SQL> /

Enter value for empno: 103

Enter value for empname: adama

Enter value for empsal: 1100

Enter value for empcomm: 0

Enter value for dept: 20

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(103,'adama',1100,0,20)

1 row created.

SQL> /

Enter value for empno: 104

Enter value for empname: aman

Enter value for empsal: 3000

Enter value for empcomm: NULL

Enter value for dept: 15

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(104,'aman',3000,NULL,15)

1 row created.

SQL> /

Enter value for empno: 105

Enter value for empname: anita

Enter value for empsal: 5000

Enter value for empcomm: 50000

Enter value for dept: 10

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(105,'anita',5000,50000,10)

1 row created.

SQL> /

Enter value for empno: 106

Enter value for empname: sneha

Enter value for empsal: 2450

Enter value for empcomm: 24500

Enter value for dept: 10

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(106,'sneha',2450,24500,10)

1 row created.

SQL> /

Enter value for empno: 107

Enter value for empname: anamika

Enter value for empsal: 2975

Enter value for empcomm: NULL

Enter value for dept: 30

old   2: values(&empno,'&empname',&empsal,&empcomm,&dept)

new   2: values(107,'anamika',2975,NULL,30)

1 row created.

SQL> insert into job

  2 values('&jobid','&jobname',&minsal,&maxsal);

Enter value for jobid: itpro

Enter value for jobname: programmer

Enter value for minsal: 40000

Enter value for maxsal: 10000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('itpro','programmer',40000,10000)

1 row created.

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SQL> /

Enter value for jobid: mkmrg

Enter value for jobname: marketing manager

Enter value for minsal: 9000

Enter value for maxsal: 15000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('mkmrg','marketing manager',9000,15000)

1 row created.


SQL> /

Enter value for jobid: fimrg

Enter value for jobname: finance manager

Enter value for minsal: 8200

Enter value for maxsal: 12000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('fimrg','finance manager',8200,12000)

1 row created.


SQL> /

Enter value for jobid: fiacc

Enter value for jobname: account

Enter value for minsal: 4200

Enter value for maxsal: 9000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('fiacc','account',4200,9000)

1 row created.
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SQL> /

Enter value for jobid: lec

Enter value for jobname: lecturer

Enter value for minsal: 6000

Enter value for maxsal: 17000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('lec','lecturer',6000,17000)

1 row created.

SQL> /

Enter value for jobid: comp

Enter value for jobname: computer operator

Enter value for minsal: 1500

Enter value for maxsal: 3000

old   2: values('&jobid','&jobname',&minsal,&maxsal)

new   2: values('comp','computer operator',1500,3000)

1 row created.

SQL> insert into deposit1

  2 values(&ano,'&cname','&bname',&amount,'&adate');

Enter value for ano: 101

Enter value for cname: anil

Enter value for bname: andheri

Enter value for amount: 7000

Enter value for adate: 01-jan-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(101,'anil','andheri',7000,'01-jan-2006')

1 row created.

SQL> /

Enter value for ano: 102

Enter value for cname: sunil

Enter value for bname: virar

Enter value for amount: 6500

Enter value for adate: 15-jul-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(102,'sunil','virar',6500,'15-jul-2006')

1 row created.

SQL> /

Enter value for ano: 103

Enter value for cname: jay

Enter value for bname: villeparle

Enter value for amount: 6500

Enter value for adate: 12-mar-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(103,'jay','villeparle',6500,'12-mar-2006')

1 row created.

SQL> /

Enter value for ano: 104

Enter value for cname: vijay

Enter value for bname: andheri

Enter value for amount: 8000

Enter value for adate: 17-sep-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(104,'vijay','andheri',8000,'17-sep-2006')

1 row created.

SQL> /

Enter value for ano: 105

Enter value for cname: keyur

Enter value for bname: dadr

Enter value for amount: 7500

Enter value for adate: 19-nov-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(105,'keyur','dadr',7500,'19-nov-2006')

1 row created.

SQL> /

Enter value for ano: 106

Enter value for cname: mayur

Enter value for bname: borivalli

Enter value for amount: 5500

Enter value for adate: 21-dec-2006

old   2: values(&ano,'&cname','&bname',&amount,'&adate')

new   2: values(106,'mayur','borivalli',5500,'21-dec-2006')

1 row created.

SQL> select * from deposit1;

ANO	CNAME	BNAME	AMOUNT	ADATE
101	anil	andheri	7000	01-JAN-06
102	sunil	virar	6500	15-JUL-06
103	jay	villeparle	6500	12-MAR-06
104	vijay	andheri	8000	17-SEP-06
105	keyur	dadr	7500	19-NOV-06
106	mayur	borivalli	5500	21-DEC-06

6 rows selected.

SQL> select * from job ;

JOBID	JOBTITLE	MINSAL	MAXSAL
itpro	programmer	40000	10000
mkmrg	marketing manager	9000	15000
fimrg	finance manager	8200	12000
fiacc	account	4200	9000
lec	lecturer	6000	17000
comp	computer operator	1500	3000

6 rows selected.

SQL> select * from employee;

EMPNO	EMPNAME	EMPSAL	EMPCOMM	DEPTNO
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.

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

SQL> select ano,amount from deposit1

2 where adate>'01-jan-06' and adate<'25-jul-06';

ANO	AMOUNT
102	6500
103	6500

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

SQL> select jobtitle from job

  2 where minsal>4000;

JOBTITLE

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programmer

marketing manager

finance manager

account

lecturer

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

SQL> select empname as "EMPLOYEE NAME",empsal from employee

  2 where deptno=20;

EMPLOYEE NAME   EMPSAL

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smith   800

adama   1100

SQL> select empno,empname,deptno from employee

  2 where deptno>10 and deptno<20;

    EMPNO EMPNAME   DEPTNO

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      104 aman   15

* To study various options of LIKE predicate :

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

SQL> SELECT EMPNAME FROM EMPLOYEE

  2 WHERE EMPNAME LIKE 'a_a%';

EMPNAME

----

adama

aman

anamika

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

SQL> select empname from employee

 2 where empname like 'ani__';

EMPNAME

Anita

Query 3 **Display the non-null values of employees and also employee name second character should be 'n' and string should be 5 character long.**

SQL> select empname from employee

 2 where empname like '_n___';

EMPNAME

----

anita

sneha

Query 4 **Display the null values of employee and also employee name's third character should be 'a'.**

SQL> select empname from employee

 2 where empcomm is not null;

EMPNAME

----

snehal

adama

anita

sneha

Query 5 **What will be output if you are giving LIKE predicate as '%_%' ESCAPE '\'**

SQL> select * from employee where empname like '%_%' escape '\';

no rows selected

SQL> commit;

Commit complete.