

DBMS Solutions :-

Lab 7 (Banking transaction)

- ① Select cid, ename from customer
where loc = 'mumbai';
- ② Select cid, ename from customer where loc = 'kolkata' and
gender = 'M';
- ③ Select cid, ename from customer where
To_number(to_char(sysdate, 'YYYY')) - To_number(to_char(
DOB, 'YYYY'))
in
(Select min(to_number(to_char(sysdate, 'YYYY')) - to_number(to_char(DOB, 'YYYY'))
from customer where gender = 'M' and
loc = 'chennai');
- ④ Select distab from bank_loan_group by
distab having count(distab) > 1;
- ⑤ Select distinct (dtype) from deposit;
- ⑥ Select to_char(ddate, 'YYYY') as year,
count(dtype) as total from deposit
where dtype = 'SB'
group by to_char(ddate, 'YYYY');
- ⑦ Select clamo, to_number(to_char(dmdate, 'YYYY'))
- to_char(ddate, 'YYYY') as tenure,
(Dnamt - damt) / To_number(to_char(dmdate, 'YYYY'))
to_char(ddate, 'YYYY') as interest from deposit
where to_number(to_char(dmdate, 'YYYY')) - to_char(
ddate, 'YYYY') >= 10 and dtype = 'FD';

⑧ Select dacco , $\text{to_numlue} (\text{to_char} (\text{dmdate}, 'YYYY') - \text{to_char} (\text{ddate}, 'YYYY'))$ as tenure,

$(\text{demand} - \text{damt}) / \text{To_numlue} (\text{to_char} (\text{dmdate}, 'YYYY') - \text{to_char} (\text{ddate}, 'YYYY'))$ as interest from deposit

where $\text{to_numlue} (\text{to_char} (\text{dmdate}, 'YYYY') - \text{to_char} (\text{ddate}, 'YYYY')) = 5$ and $\text{dtype} = 'RD'$;

⑨ Select dacco , dtype , $\text{to_char} (\text{ddate}, 'YYYY')$ as Year, damt from deposit where $\text{to_char} (\text{ddate}, 'YYYY') \geq 2002$ and $\text{to_char} (\text{ddate}, 'YYYY') \leq 2006$.

Order by $\text{to_char} (\text{ddate}, 'YYYY');$

⑩ Select dacco , $\text{to_char} (\text{ddate}, 'mon')$ as month, damt as amount from deposit where damt in

(Select $\text{max} (\text{damt})$ from deposit where $\text{dtype} = 'FD'$ or $\text{dtype} = 'RD'$);

⑪ Select dacco , $\text{to_numlue} (\text{to_char} (\text{dmdate}, 'YYYY') - \text{to_char} (\text{ddate}, 'YYYY'))$ as tenure, damt from deposit where damt in

(Select $\text{min} (\text{damt})$ from deposit where $\text{dtype} = 'SB'$);

⑫ Select $\text{max} (\text{dtype})$ as loan from loan;

⑬ Select loano, to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY')) as tenure, lmdamt - lamt as interest from loan where to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY')) in (select max (to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY'))) from loan where stype = 'home');

⑭ Select loano, stype from loan where to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY')) >= 10;

⑮ Select loano, to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY')) as tenure, (lmdamt - lamt) / 12 as interest from loan where to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY')) in (select min (to-number (to-char (lmdate, 'YYYY') - to-char (ldate, 'YYYY'))) from loan where stype = 'car');

⑯ Select cname from customer where cid in (select cid from accounts - in where lcode in (select lcode from bank-loan where ldoc = 'chennai'));

(17) Select cid, cname from customer where cid
in

(Select cid from accounts in
group by cid
having count(cid) > 1);

(18) Select cname from customer
group by cname having count(cname) > 1;

(19) Select cname from customer where cid in
(Select cid from customer where
to-number(to-char(sysdate, 'YYYY') - to-char(
date, 'YYYY')) in

(Select min(to-number(to-char
(sysdate, 'YYYY') - to-char(Dob, 'YYYY')) from
customer
where loc = 'mumbai' and gender = 'F')

intersect

Select cid from saus
group by cid
having count(cid) > 1;

(20) Select daccno, dtype, dandt, ddate from deposit
where daccno in

(Select daccno from saus
where cid in

(Select cid from
customer where to-number(to-char
(sysdate, 'YYYY') - to-char(dob, 'YYYY'))

in

(select min(to-number(to-char(sysdate, 'YYYY')
- to-char(dob, 'YYYY'))
from customer where loc = 'kolkata' and
gender = 'M'));

(21) select sname from customer where cid in
(select cid from sales group by cid
having count(cid) in
(select max(count(cid))
from sales group by cid));

(22) select b. lcode, c. sname, d. dname, d. dname,
d. ddate from bank- loan b, customer c,
deposit d, accounts in a, sales s where
b. lloc = 'delhi' and b. lcode = a. lcode and
a. cid = c. cid and c. cid = s. cid and
s. dname = d. dname and d. dtype = 'FD'
order by lcode, dname;

(23) select c. cid, c. sname from customer c,
loan b, loan l where c. cid = l. cid and
l. dname = b. dname and l. dname in
(select dname from loan where
dname in
(select max(dname) from loan
where dtype = 'home'));

(24) Select loano, ltype, ldate, lamt from loan group by ldate, ltype, lamt.
 having loano in (select B.loano from loan B,
 customer C where B.cid = C.cid and
 B.cid in (select c.cid
 from customer C, account in where
 c.cid = a.cid and C.cid in (select cid from
 account in where lcode in (select lcode
 from loan l where
 lloc = 'Chennai')));

(25) Select cid, cname, loc from customer
 where cid in (select cid from
 loan where loano in (select loano from loan
 where lamt in (select lamt) from
 loan where
 ltype = 'Personal'));