PRACTICAL-4

NOTE: for following queries use TABLES of PRACTICAL-1

1. **Display the sum of balance of account holders who's live in same city 'Mehsana' using group by clause.**

select sum(balance) from account group by city having city='Mehsana';

2. **Display the information about account where balance is less than total balance of all account holders.**

select * from account where balance< (select sum(balance) from account);

3. **Displays the information of account holders whose loan amount and balance both are same.**

select *from account, loan where account.acc_no=loan.acc_no and account.balance=loan.loan_amt;

4. **Display the name of city, remaining loan amount, account, date of loan and loan number of account holders.**

select a.city, l.remaining_loan,a.acc_no,l.loan_date,l.loan_no from account a, loan l where a.acc_no=l.acc_no;

5. **Display name of account holder, installment number and installment amount Whose loan number is 'L001'.**

select account.acc_no,name,inst_no,amount from account,loan,installment where account.acc_no=loan.acc_no and

loan.loan_no=installment.loan_no and loan.loan_no='L001';

6. **Display name of account holder, city, loan amount and installment amount.**

select name,city,loan_amt,amount from account,loan,installment

where account.acc_no=loan.acc_no

and loan.loan_no=installment.loan_no;

7. **Display the balance of account holders whose balance and remaining loan both are same.**

select balance from account, loan where account.balance =loan.remaining_loan and

account.balance=loan.remaining_loan;

8. **List of all account holders' information whose balance is same as**

loan amount.

select account.balance, account.name,account.city,account.balance,

account.loan_taken from account, loan where account.balance=loan.loan_amt and account.balance=loan.loan_amt;

9. **Display the amount of transaction, name of account holders, account**

number and mode of payment whose mode of payment is 'CHEQUE'.

select amt,name,account.acc_no,mode_of_pay from account a,transaction t

where account.acc_no=transaction.acc_no and mode_of_pay='cheque';

10. **Display account no, loan amount, amount of transaction.**

select t.acc_no,l.loan_amt,t.amt from transaction,loan where

transaction.acc_no=loan.acc_no and transaction.acc_no=loan.acc_no;

11**. List of installment information whose amount is less than average**

amount of transaction.

select loan_no,inst_no,idate,amount from installment,transaction where amount<(select avg(amt) from transaction);

or Select * from installment where amount <(select AVG(amount)from transaction);

12**. Display the sum of installment amount and transaction amount.**

select sum(amount),sum(amt) from installment,transaction;

13. Display the balance and amount of transaction group by amount and

balance.

select amt,balance from transaction,account where

account.acc_no=transaction.acc_no group by amt,balance;

14. List of installment number and account number of account holders.

select i.inst_no,a.acc_no from account a,installment i,loan l where a.acc_no=l.acc_no and l.loan_no=i.loan_no;

15. Display loan amount, transaction amount and mode of payment

where transaction date and loan taken date both are done in month of'MAY'.

select l.loan_amt,t.amt,t.mode_of_pay from loan l,transaction t,account a where a.acc_no=t.acc_no and l.acc_no=t.acc_no and to_char(l.loan_date,'Mon')='May' and to_char(t.trans_date,'Mon')='May';

16. Display all the information of installment and transaction where

installment date and transaction date both are done in month of 'JULY'.

select*from installment,transaction where to_char(idate,'Mon')='Jul'and
to_char(trans_date,'Mon')='Jul';

17. Display the last three row of account table.

select *from account minus select *from account where rownum<=(select count(rownum)-3 from
account);

**18. Display the balance, mode of payment, loan taken status whose mode of payment is 'CHEQUE'
and loan taken is 'YES'.**

select a.balance,t.mode_of_pay,a.loan_taken from account a,transaction t where a.acc_no=t.acc_no
and t.mode_of_pay='Cheque' and a.loan_taken='YES';

19. Retrieve only rows 2 to 5 from account table.

select *from account where rownum<=5 minus select *from account

where rownum<2;