

## PRACTICAL-2

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### ACCOUNT TABLE

#### 2. Change the name 'patel jigar' to 'patel hiren'.

:- update ACCOUNT set Name= 'patel hiren' where Name='patel jigar';

#### 3. Change the name and city where account number is A005.

:- update ACCOUNT set Name= 'Kothari nehal' where acc\_no='A005';

update ACCOUNT set City='Patan'where acc\_no='A005';

#### 4. Display only those records where loan taken status is 'YES'.

:- select \* from account where Loan\_taken='Yes';

#### 5. Add the new column (address varchar2 (20)) into table ACCOUNT.

:- alter table account add(address varchar2(20));

#### 6. Create another table ACCOUNT\_TEMP (acc\_no, name, balance) from table ACCOUNT.

:- create table account\_temp(acc\_no,name,balance) as select acc\_no,  
name,balance from account;

#### 7. Rename the table ACCOUNT to ACCOUNT\_MASTER.

:-rename ACCOUNT to ACCOUNT\_MASTER;

#### 8. Update the column balance for all the account holders.

*(Multiply the balance by 2 for each account holders)*

:-UPDATE ACCOUNT SET balance=balance\*2;

#### 9. Describe the structure of table ACCOUNT.

:-desc account;

#### 10. Delete the records whose account no is A004.

:-delete from account where acc\_no='A004';

### LOAN TABLE

**2. For each loan holders Add 100000 Rs. Amount into the column loan\_amt**

**:-** UPDATE Loan SET loan\_amt=loan\_amt+100000;

**3. For each loan holders Increase the interest rate 2%.**

**:-** UPDATE Loan SET Interest\_rate=interest\_rate+2;

**4. Create another table LOAN\_TEMP (loan\_no, Acc\_no, loan\_amt, loan\_date) from The table LOAN.**

**:-** create table loan\_temp(loan\_no, Acc\_no, loan\_amt, loan\_date)as select loan\_no, Acc\_no,loan\_amt,loan\_date from loan;

**5. Display only those records where loan holder taken a loan in month of January.**

**:-** select \* from loan where to\_char(loan\_date,'mm')='1';

**6. Modify the structure of table LOAN by adding one column credit\_no varchar2 (4).**

**:-** alter table Loan add(credit\_no varchar2(4));

**7. Display the Loan amount\*2 of table LOAN.**

**:-** UPDATE Loan SET loan\_amt=loan\_amt\*2;

Select loan\_amt\*2 from loan;

**8. Display the records of table LOAN by date wise in ascending order.**

**:-** SELECT Loan\_date FROM Loan ORDER BY Loan\_date ASC;

**9. Display the records of table LOAN by account number wise in descending Order**

**:-** SELECT \* FROM Loan ORDER BY Acc\_no DESC;

**10. Increase the size 5 to 7 of column acc\_no.**

**:-** alter table LOAN modify acc\_no varchar2(7);

#### **INSTALLMENT TABLE.**

**2. Change the Inst\_Date '2-Feb-04' to '3-Mar-04'.**

**:-** update INSTALLMENT set inst\_date='3/3/04' where

loan\_no='L001';

**3. Reduce 5000 amount from all Installment holders.**

:- UPDATE Installment SET Amount=Amount-5000;

**4. Add the amount 5000 where loan no is 'L003' or 'L002'.**

:- UPDATE Installment SET amount=amount+5000 where  
Loan\_no='L002' or Loan\_no='L003';

**5. Change the column size of 5 to 7 where column name is Loan\_no.**

:- alter table installment modify loan\_no varchar2(7);

**6. Decrease the column size 5 to 4 where column name Inst\_no.**

:- alter table installment modify inst\_no varchar2(4);

**7. Show the structure of the Table.**

:- desc installment;

**8. Change the amount 15000 to 5000 where loan number is L001**

:- update installment set amount=5000 where  
loan\_no='L001';

**9. Perform delete operation. (Delete only particular one record)**

:- delete from installment where loan\_no='L001';

**10. Only create a structure of table installment1 from table installment**

:- create table installment1 select \* from installment where loan no=NULL;

## TRANSACTION TABLE

**2. Insert any duplicate value and display all the records without any duplicate rows.**

:- 1.insert into transaction values ('A001', '5/3/04', 10000, 'D', 'Cash');  
2.select distinct \* from transaction;

**3. Select all the records in descending order(account number wise).**

:- SELECT \* FROM transaction ORDER BY acc\_no DESC;

**4. Display amt, date, and type of transaction by date wise.**

:- Select amt,tr\_date,type\_of\_tr from TRANSACTION  
order by tr\_date;

**5. Create another table TRANSACTION\_TEMP from this table.**

:- create table transaction\_temp(acc\_no Varchar2(5),tr\_Date Date,Amt number(10,2),  
type\_of\_tr Char(1),mode\_of\_pay Varchar2(10));  
create table transaction\_temp as select \*from transaction;

**6. Create a another table TRANS\_TEMP by change the column name acc\_no to account\_no.**

:- create table trans\_temp(account\_no, tr\_date ,amt,  
type\_of\_tr,mode\_of\_pay)as select acc\_no,tr\_date, amt, type\_of\_tr  
,mode\_of\_pay from transaction;

**7. Delete a table TRANSACTION\_TEMP.**

:- drop table transaction\_temp;

**8. Rename the table TRANSACTION to TRANS.**

:- rename transaction to trans;

**9. Only create a structure of table transaction1 from table transaction.**

:- create table transaction1 as select \* from transaction where acc\_no=NULL;

**10. Display account number where type of transaction is 'D'.**

:- select acc\_no from transaction where  
type\_of\_tr='D';