PRACTICAL-1

CREATE AND DESCRIBE TABLE ACCOUNT 24012011161:-

```
1 • CREATE DATABASE PRACTICAL1;
 2 • USE PRACTICAL1;
 3 • ○ CREATE TABLE ACCOUNT 24012011161 (
 4
              acc_no VARCHAR(5),
 5
              Name VARCHAR(30),
 6
              City VARCHAR(20),
 7
              Balance DECIMAL(10,2),
 8
              long_taken VARCHAR(5)
 9
       );
Output :::
Action Output
# | Time | Action | | 1 18:51:45 | CREATE DATABASE PRACTICAL1
                                                                          1 row(s) affected
2 18:51:45 USE PRACTICAL1
                                                                          0 row(s) affected
3 18:51:45 CREATE TABLE ACCOUNT_24012011161 (acc_no VARCHAR(5), Name VARCHAR(30), City VARCHAR(... 0 row(s) affected
24 • DESCRIBE ACCOUNT 24012011161;
                               Export: Wrap Cell Content: 1A
 Result Grid | II Filter Rows:
  Field
                    Null Key Default Extra
          Type
                               NULL

    acc no

           varchar(5)
                      YES
   Name varchar(3) YES
                               NULL
   City
           varchar(20)
                     YES
   Balance decimal(10,2) YES
                               HULL
  long_taken varchar(5)
                               NULL
Result 5 ×
Output :::
Action Output
                                                                                 Message

    1 19:07:51 DESCRIBE ACCOUNT_24012011161

                                                                                5 row(s) returned
```

CREATE AND DESCRIBE TABLE LOAN 24012011161:-

```
10 • ○ CREATE TABLE LOAN 24012011161 (
11
              loan no VARCHAR(5),
              acc_no VARCHAR(5),
12
13
              loan_amt DECIMAL(10,2),
14
              interest_rate DECIMAL(5,2),
15
              loan_date DATE,
16
              remaining loan DECIMAL(10,2)
17
       );
Action Output

    1 18:57:13 CREATE TABLE LOAN_24012011161 (loan_no VARCHAR(5), acc_no VARCHAR(5), loan_amt DECIMAL(... 0 row(s) affected

25 · DESCRIBE LOAN_24012011161
Result Grid | | Filter Rows:
                              Export: Wrap Cell Content: IA
                            Key Default Extra
   Field
             Type
  loan_no
             varchar(5)
  acc_no varchar(5) YES
                                NULL
                                NULL
   loan_amt
             decimal(10,2) YES
                                HULL
   interest_rate decimal(5,2) YES
   loan_date
             date
  remaining_loan decimal(10,2) YES
Output ::
Action Output
   1 19:08:55 DESCRIBE LOAN_24012011161
```

CREATE AND DESCRIBE TABLE INSTALLMENT 24012011161:-

```
18 • ○ CREATE TABLE INSTALLMENT_24012011161 (
19
             loan_no VARCHAR(5),
20
             inst_no VARCHAR(5),
21
             inst_Date DATE,
22
             Amount DECIMAL(10,2)
23
       );
Output :::
Action Output
1 19:03:34 CREATE TABLE INSTALLMENT_24012011161 (Ioan_no VARCHAR(5), inst_no VARCHAR(5), inst_Date ... 0 row(s) affected
26 • DESCRIBE INSTALLMENT_24012011161;
                              Export: Wrap Cell Content: 1A
Result Grid | Filter Rows:
                   Null Key Default Extra
  Field
         Type
                             NULL
          varchar(5)
                    YES
loan no
  inst_no varchar(5) YES
                            NULL
                            NULL
   inst_Date date
  Amount decimal(10,2) YES
Result 7 ×
Output :::
Action Output
   1 19:10:08 DESCRIBE INSTALLMENT_24012011161
                                                                            4 row(s) returned
```

Insert the following records.

acc_no	Name	City	Balance	loan_taken
A001	Patel Jigar	Mehsana	50000	YES
A002	Patel Ramesh	Mehsana	50000	YES
A003	Dave Hardik	Ahmedabad	75000	NO
A004	Soni Hetal	Ahmedabad	100000	NO
A005	Sony Atul	Vadodara	100000	YES

```
INSERT INTO ACCOUNT_24012011161 (acc_no,Name,City,Balance,loan_taken) VALUES ("A001","Patel Jigar","Mehsana",50000,"YES");

INSERT INTO ACCOUNT_24012011161 (acc_no,Name,City,Balance,loan_taken) VALUES ("A002","Patel Ramesh","Mehsana",50000,"YES");

INSERT INTO ACCOUNT_24012011161 (acc_no,Name,City,Balance,loan_taken) VALUES ("A003","Dave Hardik","Ahmedabad",75000,"NO");

INSERT INTO ACCOUNT_24012011161 (acc_no,Name,City,Balance,loan_taken) VALUES ("A004","Soni Hetal","Ahmedabad",100000,"NO");

INSERT INTO ACCOUNT_24012011161 (acc_no,Name,City,Balance,loan_taken) VALUES ("A005","Sony Atul","Vadodara",100000,"YES");
```

Insert the following Records.

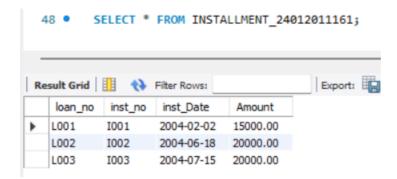
Loan_no	Acc_no	Loan_amt	Interest_rate	Loan_date	Remaining_loan
L001	A001	100000	7	1-jan-04	75000
L002	A002	300000	9	18-may-04	150000
L003	A005	500000	11	15-june-04	300000

INSERT INTO LOAN_24012011161 (loan_no,acc_no,loan_amt,interest_rate,loan_date,remaining_loan) VALUES ("L001","A001","100000",7,'2004-01-01',"75000");
 INSERT INTO LOAN_24012011161 (loan_no,acc_no,loan_amt,interest_rate,loan_date,remaining_loan) VALUES ("L002","A002","300000",9,'2004-05-18',"150000");
 INSERT INTO LOAN_24012011161 (loan_no,acc_no,loan_amt,interest_rate,loan_date,remaining_loan) VALUES ("L003","A003","500000",11,'2004-06-15',"300000");

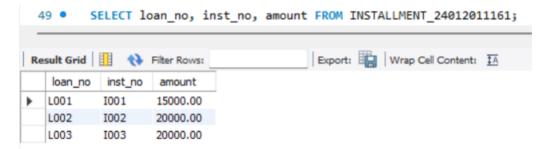
Loan_no	Inst_no	Inst_Date	Amount
L001	I001	2-Feb-04	15000
L002	I002	18-June-04	20000
L003	I003	15-July-04	20000

```
INSERT INTO INSTALLMENT_24012011161 (loan_no,inst_no,inst_Date,Amount) VALUES ("L001","I001",'2004-02-02',15000);
INSERT INTO INSTALLMENT_24012011161 (loan_no,inst_no,inst_Date,Amount) VALUES ("L002","I002",'2004-06-18',20000);
INSERT INTO INSTALLMENT_24012011161 (loan_no,inst_no,inst_Date,Amount) VALUES ("L003","I003",'2004-07-15',20000);
```

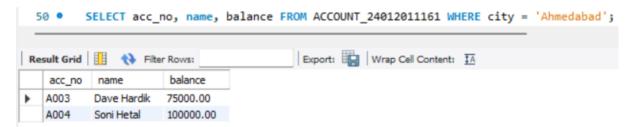
1. Display all rows and all columns of table Installment.



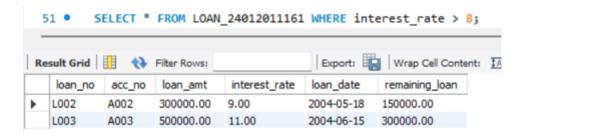
2. Display all rows and selected columns of table Installment.



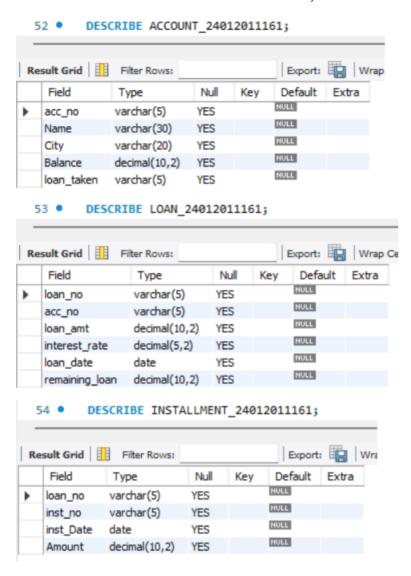
3. Display selected rows and selected columns of table Account.



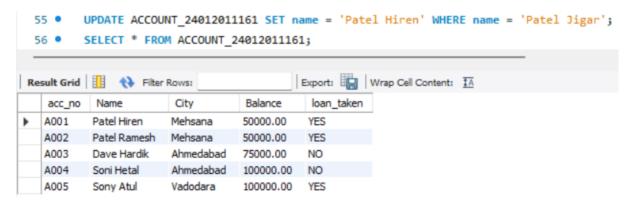
4. Display selected rows and all columns of table loan.



5. Show the structure of the table loan, account and installment.

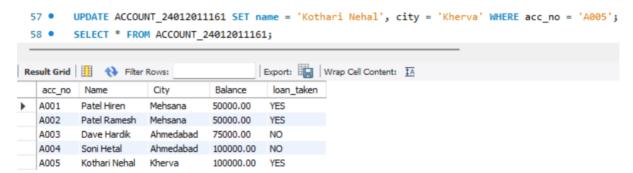


6. Change the name 'Patel Jigar' to 'Patel Hiren' in Account Table.



7. Change the name and city where account number is A005.

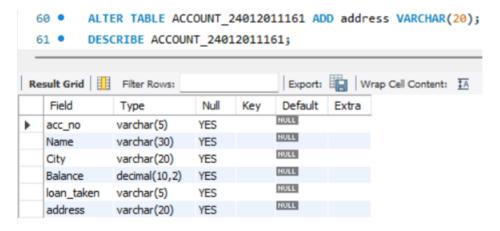
(new name = 'Kothari Nehal' and new city = 'Kherva').



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

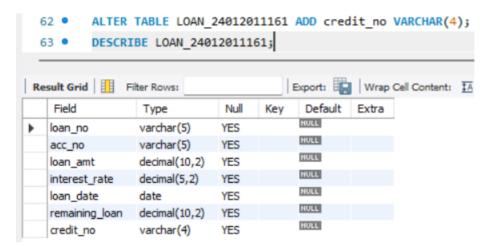


9. Add the new column (address varchar2 (20)) into table ACCOUNT.

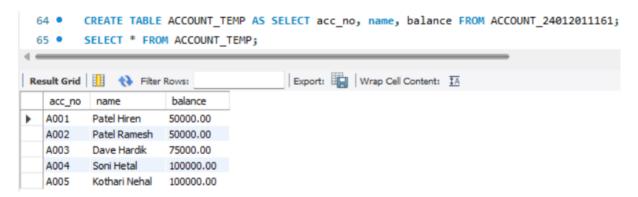


10. Modify the structure of table LOAN by adding one column credit_no

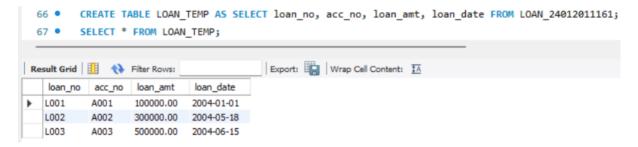
varchar2 (4) (Loan table).



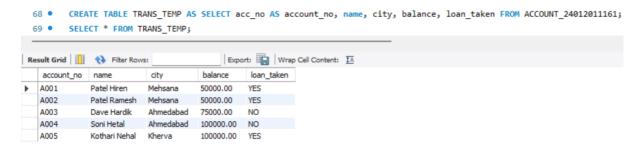
11. Create another table ACCOUNT_TEMP having columns (acc_no, name, balance) from table ACCOUNT.



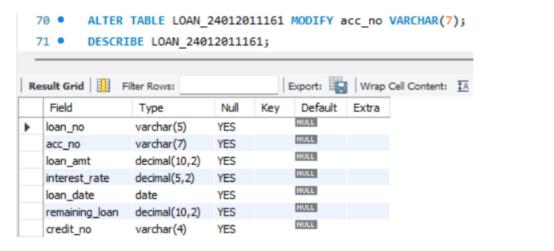
12. Create another table LOAN_TEMP (loan_no, Acc_no, loan_amt, loan_date)from The table LOAN.



13. Create another table TRANS_TEMP by change the column name acc_no to account_no.



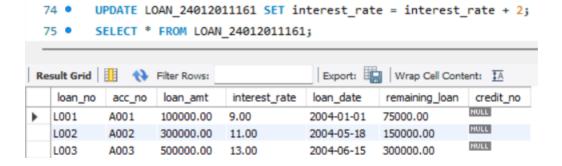
14. Increase the size 5 to 7 of column acc no (Loan table).



15. Delete the records whose account no is A004.

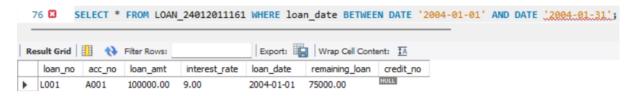


16. For each loan holders Increase the interest rate by 2% (Loan table).

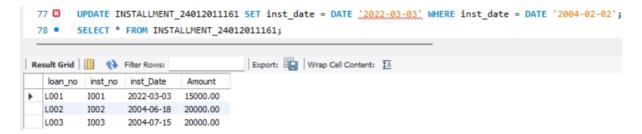


17. Display only those records where loan holder taken a loan in month of

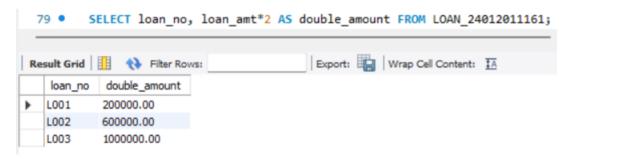
January (Loan table).



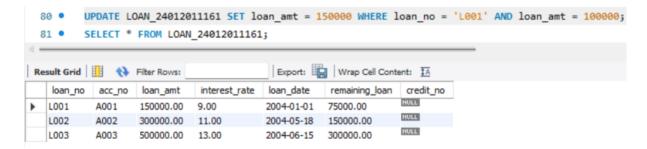
18. Change the Inst_Date '2-Feb-21' to '3-Mar-22'.



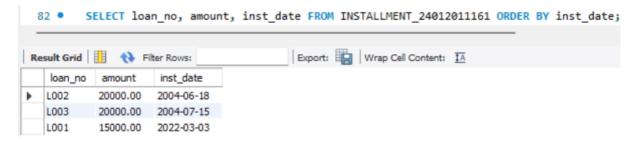
19. Display the Loan amount *2 of table LOAN.



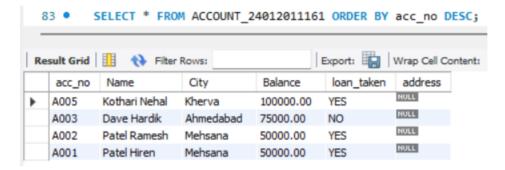
20. Change the loan_amt 100000 to 150000 where loan number is L001. (Loan table).



21. Display loan_no, amount of Installment table by date wise.



22. Select all the records of account table in descending order (account number wise).



23. Delete a table LOAN_TEMP.

