



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

(AIUB)

FACULTY OF SCIENCE AND TECNOLOGY

DEPARTMENT OF ENGINEERING

INTRODUCTION TO DATABASE

SPRING 2022-2023

SECTION: I

GROUP: 04

PROJECT NAME:

FRUIT BUSINESS.

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CONTRIBUTION: 6. Constraint, 7. Joining.



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CONTAIN LIST

1. Scenario of ER Diagram

2. ER Diagram

3. Normalization

4. Table Creation

5. Data Insertion

6. Constraint

7. Joining

8. Subquery

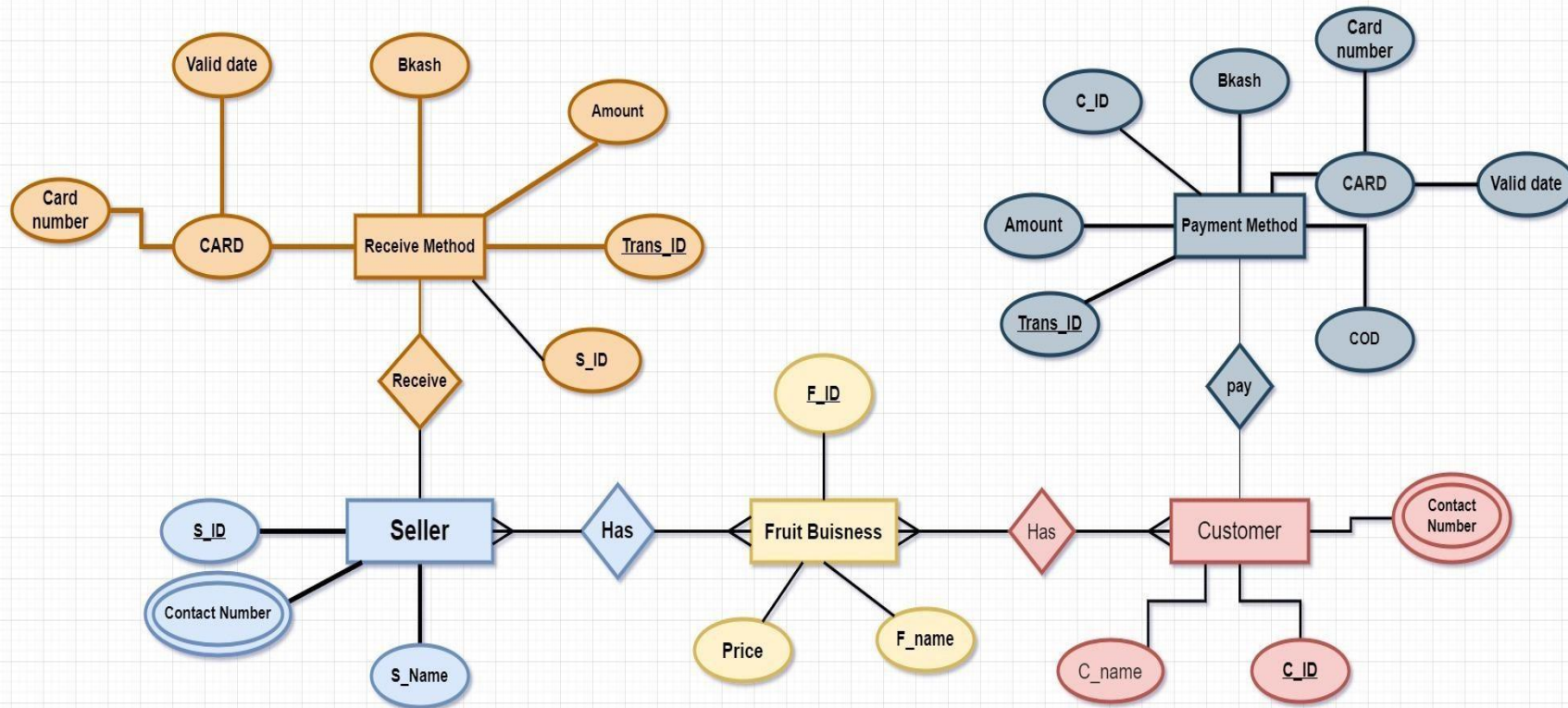
9. View

1. Scenario of ER Diagram

SCENARIO:

A system is decorated for fruit businesses to make people healthy and happy. The fruit business has two sides. One is the seller & other is customer. In this scenario there are also Seller, Fruit Business, Customer, Receive Method, Payment Method. The entity set seller has attributes of s_id, Contact Number, and s_Name. The customer must have c_name, c_id, and contact number. Customers must pay for buying fruits. There is one method for this condition is a payment method in which the total attributes are trans_ID, amount, Bkash, valid date, and card number. Business means a way of a platform of economic condition. The attributes are fruit business platform f_id, price, and f_name. seller is linked strongly with customers to the transaction system. The seller must be in relation with receive circumstances method to survive with the business.

ER Diagram:



NORMALIZATION

FRUIT BUSINESS HAS SELLER

UNF:

- 1st: SID_, Contact Number, S_Name, FID_, Price, F_Name

1NF:

- 1st: SID_, Contact Number, S_Name, FID_, Price, F_Name

2NF:

- 1st: Fid_, F_Name, Price
- 2nd: SID_, S_Name
- 3rd: SID_, contactNumber
- 4th: contact Number_, S_name
- 5th: SID_, FID

3NF:

- 1st: Fid, F_Name
- 2nd: SID, S_Name
- 3rd: SID, contactNumber
- 4th: contactNumber, S_name
- 5th: SID, FID
- 6th: FID, Price

FRUIT BUSINESS HAS CUSTOMER:

UNF:

- 1st: FID_, Price, F_Name, C_name, C_ID, Contact Number

1NF:

- 1st: FID_, Price, F_Name, C_name, CID_, Contact Number

2NF:

- 1st: CID, Contact Number
- 2nd: C_name, CID
- 3rd: Contact Number, C_name
- 4th: FID, Price, F_Name
- 5th: FID, CID

3NF:

- 1st: CID, Contact Number
- 2nd: C_name, CID
- 3rd: Contact Number, C_name
- 4th: FID, Price
- 5th: FID, F_Name
- 6th: FID, CID

CUSTOMER PAY PAYMENT METHOD:

UNF:

- 1st: C_name, C_ID, Contact Number, Trans_ID, Amount, Bkash, Card number, Valid date

1NF:

- 1st: C_name, C_ID, Contact Number, Trans_ID, Amount, Bkash, Card number, Valid date

2NF:

- 1st: CID, Contact Number
- 2nd: C_name, CID
- 3rd: Contact Number, C_name
- 4th: TransId, Amount, Card Number, valid date, COD
- 5th: CID, TransId

3NF:

- 1st: CID, Contact Number
- 2nd: C_name, CID
- 3rd: Contact Number, C_name
- 4th: TransId, Amount

- 5th: TransId, COD
- 6th: Card Number, valid date
- 7th: CID, TransId

SELLER RECEIVE METHOD:

UNF:

- 1st: SID, Contact Number, S_Name, Trans_ID, Amount, Bkash, Card number, Valid date

1NF:

- 1st: SID, Contact Number, S_Name, Trans_ID, Amount, Bkash, Card number, Valid date

2NF:

- 1st: SID, Contact Number
- 2nd: SID, S_name
- 3rd: Contact Number, S_name

- 4th: TransId, Amount, Card Number, valid date, COD
- 5th: CID, TransId

3NF:

- 1st: SID, Contact Number
- 2nd: SID, S_name
- 3rd: Contact Number, S_name
- 4th: TransId, Amount
- 5th: TransId, COD
- 6th: Card Number, valid date
- 7th: CID, TransId

FINAL TABLE:

- 1st: Fid, F_Name
- 2nd: SID, S_Name
- 3rd: SID, contactNumber
- 4th: contactNumber, S_name
- 5th: SID, FID
- 6th: FID, Price
- 7th: CID, Contact Number

8th: C_name, CID

9th: Contact Number, C_name

10th: FID, CID

11th: TransId, Amount

12th: TransId, COD

13th: Card Number, valid date

14th: CID, TransId

Table Creation:

Fruit Buisness:

create table Fruit_buisness (F_ID number(2) primary key, F_name varchar2(32),
Price number(11));

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```
create table Fruit_buisness(F_ID number(2) primary key, F_name varchar2(32),Price number(11));  
describe Fruit_buisness;
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **FRUIT_BUISNESS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
FRUIT_BUISNESS	F_ID	Number	-	2	0	1	-	-	-
	F_NAME	Varchar2	32	-	-	-	✓	-	-
	PRICE	Number	-	11	0	-	✓	-	-

1 - 3

Customer1:

```
create table Customer1 (C_ID number(2) primary key, C_name varchar2(32),
Contact_Number number(11));
```

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```
create table Customer1 (C_ID number(3) primary key, C_name varchar2(32),  
Contact_Number number(11));  
  
describe Customer1;
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **CUSTOMER1**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>CUSTOMER1</u>	<u>C_ID</u>	Number	-	3	0	1	-	-	-
	<u>C_NAME</u>	Varchar2	32	-	-	-	✓	-	-
	<u>CONTACT_NUMBER</u>	Number	-	11	0	-	✓	-	-

1 - 3

Seller:

```
create table Seller(S_ID number(2) primary key, S_name varchar2(32),  
Contact_Number number(11));
```

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```
create table Seller(S_ID number(2) primary key, S_name varchar2(32),Contact Number number(11));
describe Seller;
```

Results Explain Describe Saved SQL History

Object Type

TABLE

Object

SELLER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>SELLER</u>	<u>S_ID</u>	Number	-	2	0	1	-	-	-
	<u>S_NAME</u>	Varchar2	32	-	-	-	✓	-	-
	<u>CONTACT_NUMBER</u>	Number	-	11	0	-	✓	-	-

1 - 3

Payment Method:

```
create table Payment_method(Trans_ID number(7) primary key, Card_Number  
Number(14), Vaild date, Bash number(11),Amount number(5) default(0));  
Alter table payment_method add(C_id Number(3));
```

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```
create table Payment_method(Trans_ID number(7) primary key, Card Number  
Number(14), Vaild date, Bkash number(11),Amount number(5) default(0));  
Alter table payment_method add(C_id Number(3));
```

```
describe Payment_method;
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **PAYMENT_METHOD**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PAYMENT_METHOD	TRANS_ID	Number	-	7	0	1	-	-	-
	CARD_NUMBER	Number	-	14	0	-	✓	-	-
	VAILD	Date	7	-	-	-	✓	-	-
	BKASH	Number	-	11	0	-	✓	-	-
	AMOUNT	Number	-	5	0	-	✓	(0)	-
	C_ID	Number	-	3	0	-	✓	-	-

1 - 6

Receive Method:

```
create table Receive_method(Trans_ID number(7) primary key, Card_Number  
Number(14), Vaild date, Bkash number(11),Amount number(5) default(0));  
Alter table Receive_method add(S_id Number(3));
```

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```
create table Receive_method(Trans_ID number(7) primary key, Card_Number  
Number(14), Vaild date, Bkash number(11),Amount number(5) default(0));  
  
Alter table Receive_method add(S_id Number(3));  
  
describe Receive_method;
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **RECEIVE_METHOD**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>RECEIVE_METHOD</u>	<u>TRANS_ID</u>	Number	-	7	0	1	-	-	-
	<u>CARD_NUMBER</u>	Number	-	14	0	-	✓	-	-
	<u>VAILD</u>	Date	7	-	-	-	✓	-	-
	<u>BKASH</u>	Number	-	11	0	-	✓	-	-
	<u>AMOUNT</u>	Number	-	5	0	-	✓	(0)	-
	<u>S_ID</u>	Number	-	3	0	-	✓	-	-

1 - 6

DATA INSERTION:

Fruit Buisness:

```
insert into Fruit_buisness(F_ID, F_name, Price) Values (01,'Mango', 170);
insert into Fruit_buisness(F_ID, F_name, Price) Values (02,'Apple', 340);
insert into Fruit_buisness(F_ID, F_name, Price) Values (03,'Jackfruit', 70);
insert into Fruit_buisness(F_ID, F_name, Price) Values (04,'Guava', 65);
insert into Fruit_buisness(F_ID, F_name, Price) Values (05,'Orange', 80);
```

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```
insert into Fruit_buisness(F_ID, F_name, Price) Values (01,'Mango', 170);
insert into Fruit_buisness(F_ID, F_name, Price) Values (02,'Apple', 340);
insert into Fruit_buisness(F_ID, F_name, Price) Values (03,'Jackfruit', 70);
insert into Fruit_buisness(F_ID, F_name, Price) Values (04,'Guava', 65);
insert into Fruit_buisness(F_ID, F_name, Price) Values (05,'Orange', 80);
select * from Fruit_buisness;
```

Results Explain Describe Saved SQL History

F_ID	F_NAME	PRICE
1	Mango	170
2	Apple	340
3	Jackfruit	70
4	Guava	65
5	Orange	80

5 rows returned in 0.00 seconds [CSV Export](#)

Customer:

```
insert into Customer1 (C_ID, C_name , Contact_Number) values (101,'Nahid',017111111111);
insert into Customer1 (C_ID, C_name , Contact_Number) values (102,'Shuvo',01712222222);
insert into Customer1 (C_ID, C_name , Contact_Number) values (103,'Ador',01733333333);
insert into Customer1 (C_ID, C_name , Contact_Number) values (104,'Mridul',01744444444);
insert into Customer1 (C_ID, C_name , Contact_Number) values (105,'Himel',01755555555);
```

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```
insert into Customer1 (C_ID, C_name , Contact_Number) values (101,'Nahid',017111111111);
insert into Customer1 (C_ID, C_name , Contact_Number) values (102,'Shuvo',01712222222);
insert into Customer1 (C_ID, C_name , Contact_Number) values (103,'Ador',01733333333);
insert into Customer1 (C_ID, C_name , Contact_Number) values (104,'Mridul',01744444444);
insert into Customer1 (C_ID, C_name , Contact_Number) values (105,'Himel',01755555555);
select * from Customer1;
```

Results Explain Describe Saved SQL History

C_ID	C_NAME	CONTACT_NUMBER
101	Nahid	17111111111
102	Shuvo	17122222222
103	Ador	17333333333
104	Mridul	17444444444
105	Himel	17555555555

5 rows returned in 0.00 seconds [CSV Export](#)

Seller:

insert into Seller (s_ID, s_name , Contact_Number) values (11,'Mr. X',018111111111);

insert into Seller (s_ID, s_name , Contact_Number) values (22,'Mr. Y',01512222222);

insert into Seller (s_ID, s_name , Contact_Number) values (33,'Mr. Z',01633333333);

insert into Seller (s_ID, s_name , Contact_Number) values (44,'Mr. K',01344444444);

insert into Seller (s_ID, s_name , Contact_Number) values (55,'Ms. X',01955555555);

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```
insert into Seller (s_ID, s_name , Contact_Number) values (11,'Mr. X',018111111111);
insert into Seller (s_ID, s_name , Contact_Number) values (22,'Mr. Y',01512222222);
insert into Seller (s_ID, s_name , Contact_Number) values (33,'Mr. Z',01633333333);
insert into Seller (s_ID, s_name , Contact_Number) values (44,'Mr. K',01344444444);
insert into Seller (s_ID, s_name , Contact_Number) values (55,'Ms. X',01955555555);
select * from Seller;
```

Results Explain Describe Saved SQL History

S_ID	S_NAME	CONTACT_NUMBER
11	Mr. X	18111111111
22	Mr. Y	15122222222
33	Mr. Z	16333333333
44	Mr. K	13444444444
55	Ms. X	19555555555

5 rows returned in 0.00 seconds [CSV Export](#)

Payment method:

insert into Payment_method (Trans_ID, Card_Number , Vaild, Bkash,Amount, C_ID) values(2621011, null, null, 0161321011, 570,101);

insert into Payment_method (Trans_ID, Card_Number , Vaild, Bkash,Amount, C_ID) values(9657455, 19705687412458,to_date('12-Apr-2026','DD-MM-YYYY'), null, 1010,102);

insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(7428901, 20226784146789,to_date('05-feb-2056','DD-MM-YYYY'), null, 5600,103);

insert into Payment_method (Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(7564347, null, null, 01752094290, 340,104);

insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(6947310, null, null, 01915212290, 610,105);

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☒ Autocommit Display 10

```
insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(2621011, null, null, 0161321011, 570,101);
insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(9657455, 19705687412458,to_date('12-Apr-2026','DD-MM-YYYY'), null, 1010,102);
insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(7428901, 20226784146789,to_date('05-feb-2056','DD-MM-YYYY'), null, 5600,103);
insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(7564347, null, null, 01752094290, 340,104);
insert into Payment_method(Trans_ID , Card_Number , Vaild, Bkash,Amount, C_ID) values(6947310, null, null, 01915212290, 610,105);
select * from Payment_method;
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	BKASH	AMOUNT	C_ID
2621011	-	-	161321011	570	101
9657455	19705687412458	12-APR-26	-	1010	102
7428901	20226784146789	05-FEB-56	-	5600	103
7564347	-	-	1752094290	340	104
6947310	-	-	1915212290	610	105

5 rows returned in 0.00 seconds [CSV Export](#)

Equijoin 1:

Q. Display all information between Customer and Payment Method?

Ans: select C.C_ID , C.C_name, C.Contact_Number, P.Trans_ID, P.Amount from Customer C , Payment_method P where C.C_ID = P.C_ID;

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☒ Autocommit Display 10

```
select C.C_ID , C.C_name, C.Contact_Number, P.Trans_ID, P.Amount from Customer1 C , Payment_method P where C.C_ID= P.C_ID;
describe payment_method;
```

Results Explain Describe Saved SQL History

C_ID	C_NAME	CONTACT_NUMBER	TRANS_ID	AMOUNT
101	Nahid	17111111111	2621011	570
102	Shuvo	17122222222	9657455	1010
103	Ador	17333333333	7428901	5600
104	Mridul	17444444444	7564347	340
105	Himel	17555555555	6947310	610

5 rows returned in 0.00 seconds [CSV Export](#)

Equijoin 2:

Q. Display all information between Customer and Seller?

Ans: select C.C_ID "CUSTOMER ID" , C.C_name "CUSTOMER",S.S_name "RECEVIER",S.S_ID "SELLER ID", P.Trans_ID, P.Amount from Customer C , Payment_method P ,Seller S , Receive_method R where C.C_ID = P.C_ID AND P.Trans_ID = R.Trans_ID AND S.S_ID =R.S_ID;

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```
select C.C_ID "CUSTOMER ID" , C.C_name "CUSTOMER",S.S_name "RECEVIER",S.S_ID "SELLER ID", P.Trans_ID, P.Amount
from Customer1 C , Payment_method P ,Seller S , Receive_method R where C.C_ID = P.C_ID AND P.Trans_ID = R.Trans_ID AND
S.S_ID =R.S_ID;
```

Results Explain Describe Saved SQL History

CUSTOMER ID	CUSTOMER	RECEVIER	SELLER ID	TRANS_ID	AMOUNT
101	Nahid	Mr. X	11	2621011	570
102	Shuvo	Mr. Y	22	9657455	1010
103	Ador	Ms. X	55	7428901	5600
104	Mridul	Mr. Z	33	7564347	340
105	Himel	Mr. K	44	6947310	610

5 rows returned in 0.02 seconds [CSV Export](#)

Outer join 1:

Q. Display all information between customer and payment method?

Ans: select c.c_id,c.c_name,p.trans_id,p.amount

from customer c, payment_method p

where c.c_id(+)=p.trans_id;

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☒ Autocommit Display 10

```
select c.c_id,c.c_name,p.trans_id,p.amount
from customer c, payment_method p
where c.c_id(+)=p.trans_id;
```

Results Explain Describe Saved SQL History

C_ID	C_NAME	TRANS_ID	AMOUNT
-	-	2621011	570
-	-	9657455	1010
-	-	7428901	5600
-	-	7564347	340
-	-	6947310	610

5 rows returned in 0.00 seconds [CSV Export](#)

outerjoin 2:

Q. Display all information between Customer and Seller?

Ans: select c.c_id,c.c_name,s.s_name,s.s_id

from customer c,seller s

where c.c_id(+) =s.s_id;

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☒ Autocommit Display 10

```
select c.c_id,c.c_name,s.s_name,s.s_id
from customer c,seller s
where c.c_id(+) =s.s_id;
```

Results Explain Describe Saved SQL History

C_ID	C_NAME	S_NAME	S_ID
11	Shuvo	Mr. X	11
-	-	Mr. Y	22
-	-	Mr. Z	33
-	-	Mr. K	44
-	-	Ms. X	55

5 rows returned in 0.00 seconds [CSV Export](#)

Selfjoin:

Q. Display Self-Join of Payment Method Table?

Ans: select A.Trans_ID,A.CARD_NUMBER,A.VAILD ,A.amount,B.Trans_ID,B.BKASH

from payment_method A,payment_method B

where A.Trans_ID = B.Trans_ID ;

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☒ Autocommit Display 10

```
select A.Trans_ID,A.CARD_NUMBER,A.VAILD ,A.amount,B.Trans_ID,B.BKASH
from payment_method A,payment_method B
where A.Trans_ID = B.Trans_ID ;
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	AMOUNT	TRANS_ID	BKASH
2621011	-	-	570	2621011	161321011
9657455	19705687412458	12-APR-26	1010	9657455	-
7428901	20226784146789	05-FEB-56	5600	7428901	-
7564347	-	-	340	7564347	1752094290
6947310	-	-	610	6947310	1915212290

5 rows returned in 0.00 seconds [CSV Export](#)

Non-EquiJoin:

Q. Display Self-Join of Payment Method Table?

Ans: select A.Trans_ID,A.CARD_NUMBER,A.VAILD ,A.amount,B.Trans_ID,B.BKASH

from payment_method A,Receive_method B

where A.Amount>B.Amount;

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☒ Autocommit Display 10

```
select A.Trans_ID,A.CARD_NUMBER,A.VAILD ,A.amount,B.Trans_ID,B.BKASH
from payment_method A,Receive_method B
where A.Amount>B.Amount;
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	AMOUNT	TRANS_ID	BKASH
2621011	-	-	570	7564347	1778573511
9657455	19705687412458	12-APR-26	1010	2621011	-
9657455	19705687412458	12-APR-26	1010	7564347	1778573511
9657455	19705687412458	12-APR-26	1010	6947310	1587947638
7428901	20226784146789	05-FEB-56	5600	2621011	-
7428901	20226784146789	05-FEB-56	5600	9657455	-
7428901	20226784146789	05-FEB-56	5600	7564347	1778573511
7428901	20226784146789	05-FEB-56	5600	6947310	1587947638
6947310	-	-	610	2621011	-
6947310	-	-	610	7564347	1778573511

10 rows returned in 0.00 seconds [CSV Export](#)

SUBQUERY NO 1:

Q: Display all who pays maximum amount of money?

Ans: select * from payment_method

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```
select * from payment_method
where amount = (select MAX(amount) from payment_method);
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	BKASH	AMOUNT	C_ID
7428901	20226784146789	05-FEB-56	-	5600	103

1 rows returned in 0.00 seconds [CSV Export](#)

SubQuery NO. 2:

Q: Display all information who receive 2nd Minimum amount of money?

Ans: select* from receive_method

where amount =(select MIN(amount) from receive_method

where Amount > (select MIN(AMOUNT) from receive_method));

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☒ Autocommit Display 10

```
select* from receive_method
where amount =(select MIN(amount) from receive_method
where Amount > (select MIN(AMOUNT) from receive_method));
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	BKASH	AMOUNT	S_ID
2621011	19705687416300	12-DEC-26	-	570	11

1 rows returned in 0.00 seconds [CSV Export](#)

SubQuery N0. 3:

Q: Display all information who receive maximum amount of money?

Ans: select* from receive_method

where amount =(select MAX(Amount) from receive_method);

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☒ Autocommit Display 10

```
select* from receive_method
where amount =(select MAX(Amount) from receive_method);
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	BKASH	AMOUNT	S_ID
7428901	20226784146789	05-MAY-56	-	5600	55

1 rows returned in 0.00 seconds [CSV Export](#)

SubQuery N0. 4:

Q: Display all information who pays 2nd maximum amount of money?

Ans: select* from receive_method

where amount =(select MIN(amount) from receive_method

where Amount > (select MIN(AMOUNT) from receive_method));

ORACLE Database Express Edition

User: SCOTT

Home > SQL > SQL Commands

☒ Autocommit Display

```
select* from receive_method
where amount =(select MIN(amount) from receive_method
where Amount > (select MIN(AMOUNT) from receive_method));
```

Results Explain Describe Saved SQL History

TRANS_ID	CARD_NUMBER	VAILD	BKASH	AMOUNT	S_ID
2621011	19705687416300	12-DEC-26	-	570	11

1 rows returned in 0.00 seconds [CSV Export](#)

:SIMPLE VIEW:

Q. Create a view of Transaction ID , Amount and show the table where Amount is not null?

A. create view payment_vu1 ("transaction","Payment_Amount") as select Trans_id, amount

From payment_method

where amount is not null;

select * from payment_vu1

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Sa

```
create view payment_vu1 ("transaction","Payment_Amount") as select Trans_id, amount from
payment_method
where amount is not null;

select * from payment_vu1
```

Results Explain Describe Saved SQL History

Transaction	Payment_Amount
2621011	570
9657455	1010
7428901	5600
7564347	340
6947310	610

5 rows returned in 0.00 seconds

[CSV Export](#)

Complex view:

Q. Create a Complex view of Customer Name , ID , Amount of payment , Transaction ID?

Ans: create View Paid (Name, Customer_ID,Taka,

transaction_ID) AS Select C.C_name,c.C_ID,P.Amount,P.Trans_ID from Customer C , Payment_method P where C.C_ID = P.C_ID;

☒ Autocommit Display 100 ▼

Save

```
create View Paid (Name, Customer_ID,Taka,  
transaction_ID) AS Select C.C_name,c.C_ID,P.Amount,P.Trans_ID from Customer C , Payment_method P  
where C.C_ID = P.C_ID;
```

```
select* from Paid;
```



Results Explain Describe Saved SQL History

NAME	CUSTOMER_ID	TAKA	TRANSACTION_ID
Rahim	101	570	2621011
Karim	102	1010	9657455
Judu	103	5600	7428901
Kudu	104	340	7564347
Mohdu	105	610	6947310

5 rows returned in 0.02 seconds

[CSV Export](#)

Constraint:

Payment method:

Alter table payment_method modify amount not null;

User: SYS

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Save

```
Alter table payment_method modify amount not null;
```

```
describe payment_method
```

Results Explain Describe Saved SQL History

Object Type TABLE Object PAYMENT_METHOD

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PAYMENT_METHOD	TRANS_ID	Number	-	7	0	1	-	-	-
	CARD_NUMBER	Number	-	14	0	-	✓	-	-
	VAILD	Date	7	-	-	-	✓	-	-
	BKASH	Number	-	11	0	-	✓	-	-
	AMOUNT	Number	-	5	0	-	-	(0)	-
	C_ID	Number	-	3	0	-	✓	-	-
1 - 6									

THANK YOU.