

DATABASE COURSEWORK AMAZON

REPORT

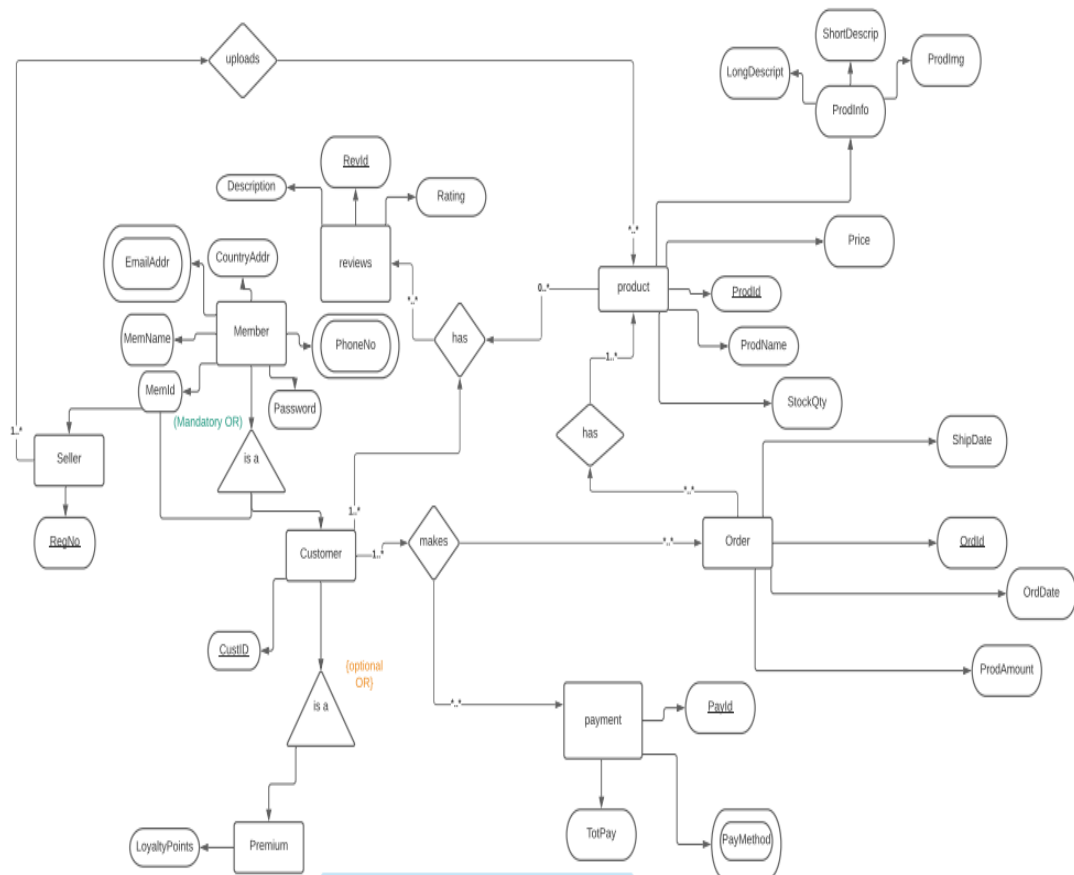
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IIT ID-20200306

RGU ID-2016278

Question 1-ER DIAGRAM(PDF also attached at the end)

DATABASE CW ER DIAGRAM AMAZON(Question 1)

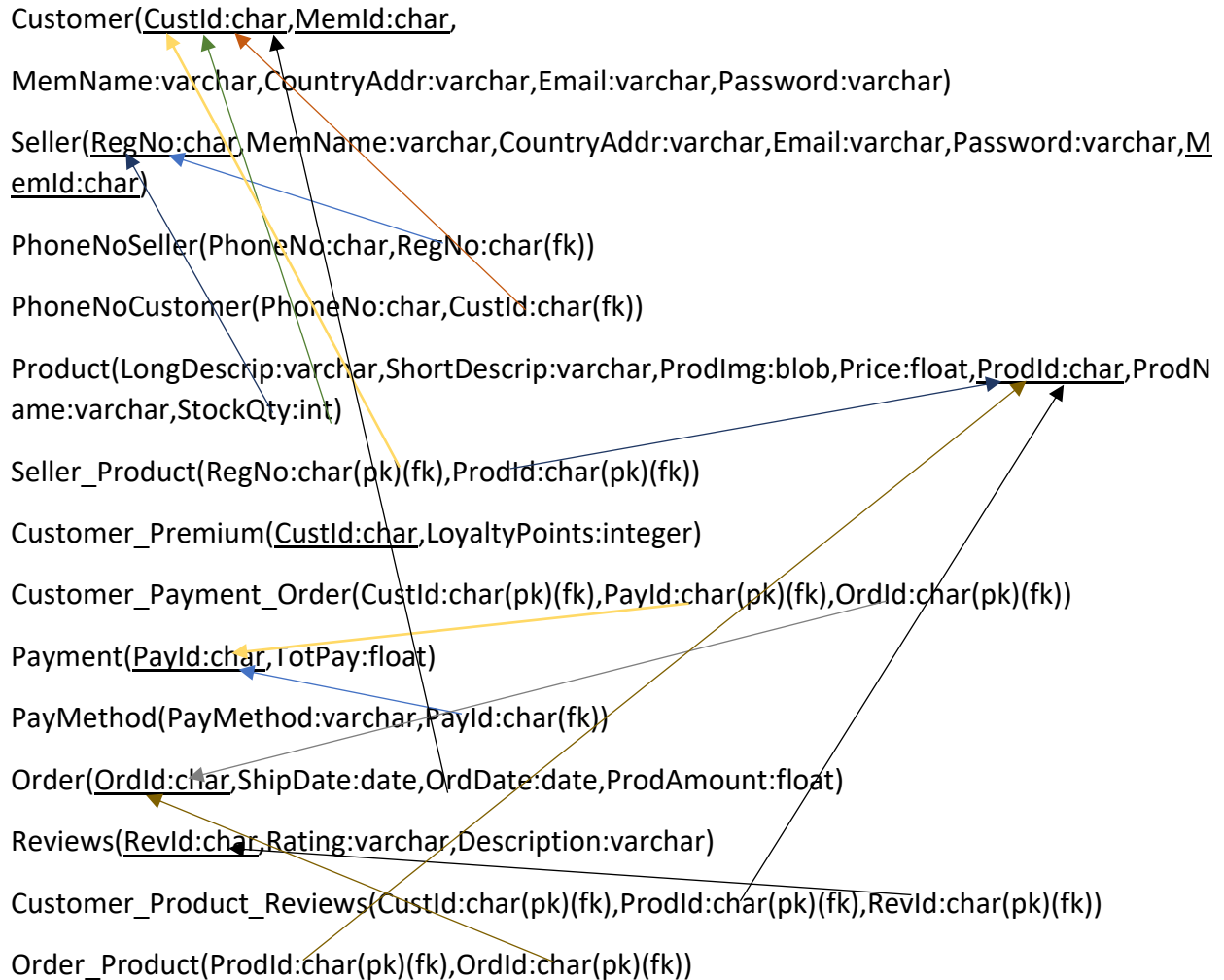


ASSUMPTIONS

- other customers can see which customer has given a certain review on which product
- Member has to be either a customer or seller

Question 2

Logical Schema



Question3

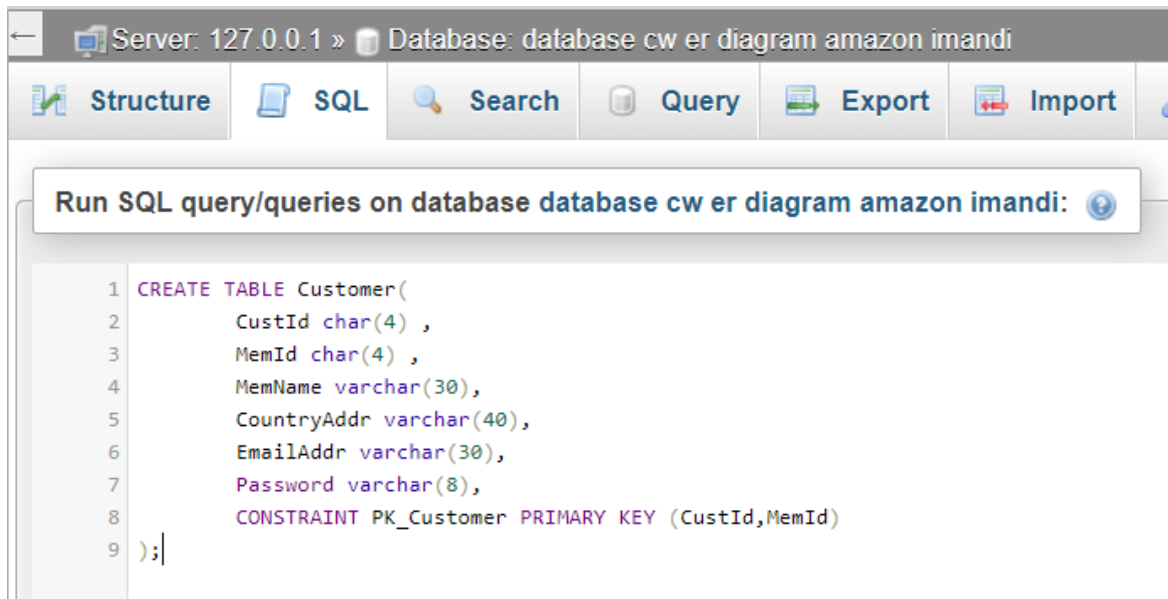
the tables are all in 1NF since all attributes are atomic.

the tables are all in 2NF since there is no partial dependencies.

the tables are all in 3NF since there is no transitive dependencies.

Question 4

1) Creating Customer Table

A screenshot of a database management tool interface. At the top, a status bar shows 'Server: 127.0.0.1 » Database: database cw er diagram amazon imandi'. Below this is a toolbar with icons and labels for 'Structure', 'SQL', 'Search', 'Query', 'Export', and 'Import'. A central panel contains a text box with the prompt 'Run SQL query/queries on database database cw er diagram amazon imandi:'. Below the text box is a code editor with a line number margin on the left. The code in the editor is a SQL statement to create a table named 'Customer' with columns 'CustId', 'MemId', 'MemName', 'CountryAddr', 'EmailAddr', and 'Password'. It also includes a primary key constraint named 'PK_Customer' on the 'CustId' and 'MemId' columns.

```
1 CREATE TABLE Customer(  
2     CustId char(4) ,  
3     MemId char(4) ,  
4     MemName varchar(30),  
5     CountryAddr varchar(40),  
6     EmailAddr varchar(30),  
7     Password varchar(8),  
8     CONSTRAINT PK_Customer PRIMARY KEY (CustId,MemId)  
9 );
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Tracking](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	CustId	char(4)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	MemId	char(4)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	MemName	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 4	CountryAddr	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 5	EmailAddr	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 6	Password	varchar(8)	utf8mb4_general_ci		Yes	NULL			Change Drop More

☐ Check all With selected: [Browse](#) Change Drop Primary Unique Index Fulltext Add to cer

Print Propose table structure Track table Move columns Normalize

2)Creating Seller Table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)

Run SQL query/queries on table database cw er diagram amazon imandi:

```

1 CREATE TABLE seller(
2     RegNo char(4),
3     MemName varchar(20),
4     CountryAddr varchar(40),
5     EmailAddr varchar(30),
6     Password varchar(8),
7     MemId char(4),
8     CONSTRAINT PK_Seller PRIMARY KEY (RegNo,MemId)
9 );|
  
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: seller

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	RegNo	char(4)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	MemName	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 3	CountryAddr	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 4	EmailAddr	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 5	Password	varchar(8)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 6	MemId	char(4)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all
 With selected:
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 Change
 Drop
 Primary
 Unique
 Index
 Fulltext

3)Creating phoneno_seller Table

Server: 127.0.0.1 » Database: database cw er di

[Browse](#)
[Structure](#)
[SQL](#)

Run SQL query/queries on table database cw er diag
imandi.phoneno_seller:

```

1 CREATE TABLE phoneno_seller(
2     RegNo char(4),
3     PhoneNo varchar(20),
4     FOREIGN KEY(RegNo) REFERENCES seller(RegNo)
5 );|
  
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: phoneno_seller

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	RegNo	char(4)	utf8mb4_general_ci		Yes	NULL			Change Drop More
2	PhoneNo	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to center

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after PhoneNo Go

4) Creating phoneno_customer table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi

Browse Structure SQL

Run SQL query/queries on table database cw er diagram amazon imandi.phoneno_customer:

```

1 CREATE TABLE phoneno_customer(
2     CustId char(4),
3     PhoneNo varchar(20),
4     FOREIGN KEY(CustId) REFERENCES
5     customer(CustId)
6 );

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: phoneno_customer

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[Insert](#)
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[Operations](#)
[Tracking](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	CustId	char(4)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 2	PhoneNo	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop More

☐ Check all
 With selected:
 [Browse](#)
[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Fulltext](#)
[Add to central colu](#)

[Print](#)
[Propose table structure](#)
[Track table](#)
[Move columns](#)
[Normalize](#)

[Add](#)
 column(s)

[Go](#)

5)Creating Product Table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi

[Structure](#)
[SQL](#)
[Search](#)
[Query](#)
[Export](#)
[Import](#)

Run SQL query/queries on database database cw er diagram amazon imandi:

```

1 CREATE TABLE Product(
2     ProdId char PRIMARY KEY,
3     LongDescrip varchar(50),
4     ShortDescrip varchar(20),
5     ProdImg blob,
6     Price float,
7     ProdName varchar(30),
8     StockQty int
9 );
  
```

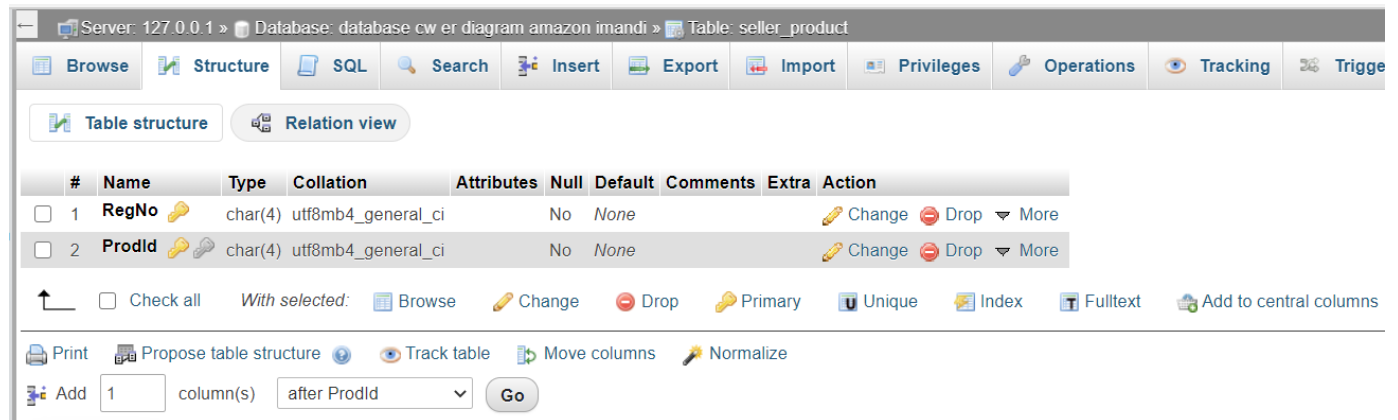
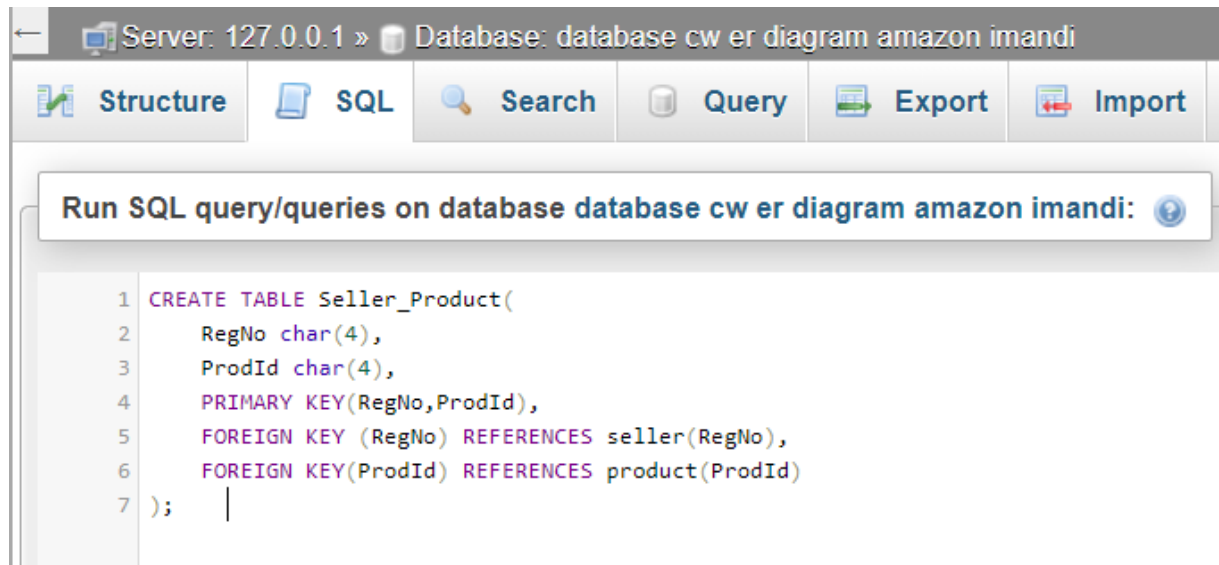
Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: product

[Browse](#)
[Structure](#)
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[Privileges](#)
[Operations](#)
[Tracking](#)
[Triggers](#)

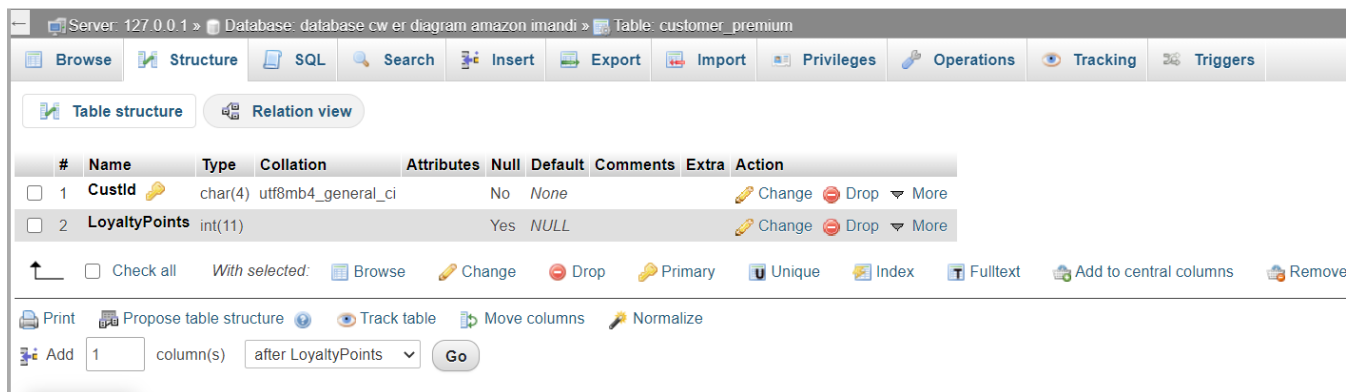
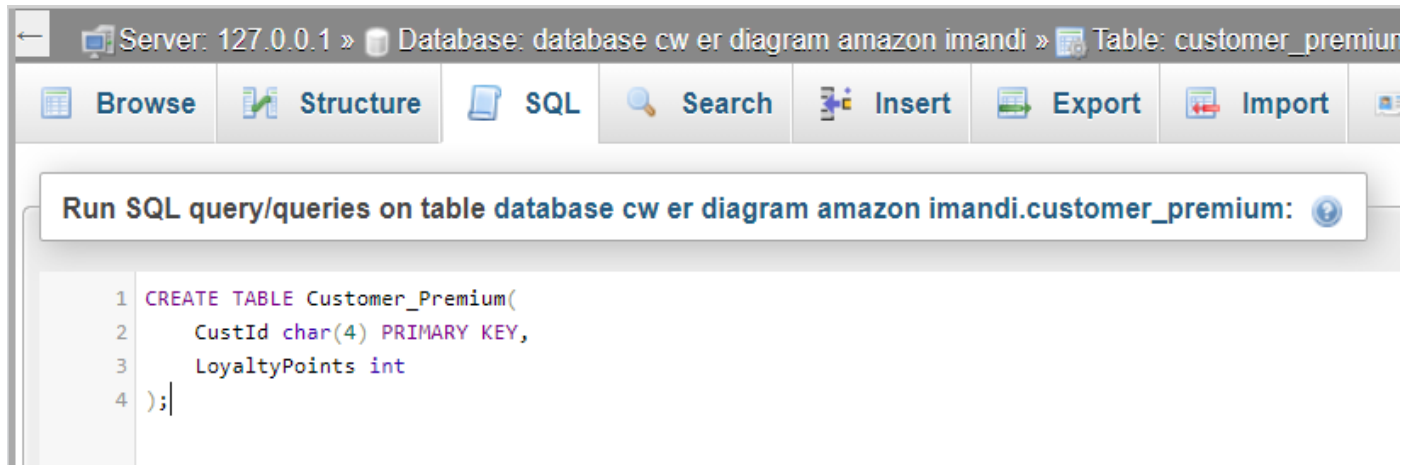
[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	ProdId	char(1)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	LongDescrip	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 3	ShortDescrip	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 4	ProdImg	blob			Yes	NULL			Change Drop More
<input type="checkbox"/> 5	Price	float			Yes	NULL			Change Drop More
<input type="checkbox"/> 6	ProdName	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/> 7	StockQty	int(11)			Yes	NULL			Change Drop More

6)Creating seller_product Table



7)Creating customer_premium Table



8)Creating customer_payment_Order Table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer_payment_orders

Browse Structure SQL Search Insert Export Import Privileges

Run SQL query/queries on table database cw er diagram amazon imandi.customer_payment_orders: ?

```

1 CREATE TABLE Customer_Payment_Orders(
2     CustId char(4),
3     PayId char(6),
4     OrdId char(6),
5     PRIMARY KEY(CustId,PayId,OrdId),
6     FOREIGN KEY (CustId) REFERENCES customer(CustId),
7     FOREIGN KEY(PayId) REFERENCES payment(PayId),
8     FOREIGN KEY(OrdId) REFERENCES Order(OrdId)
9 );
10

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer_payment_orders

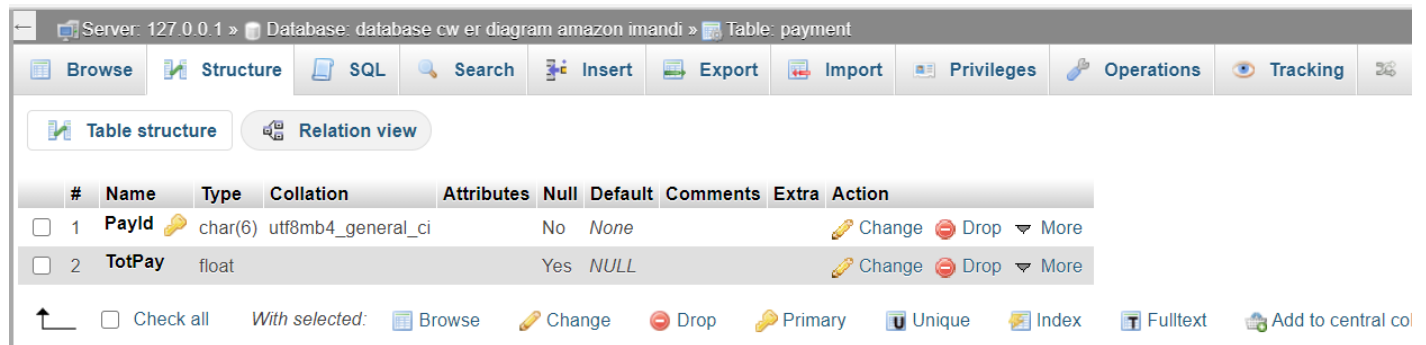
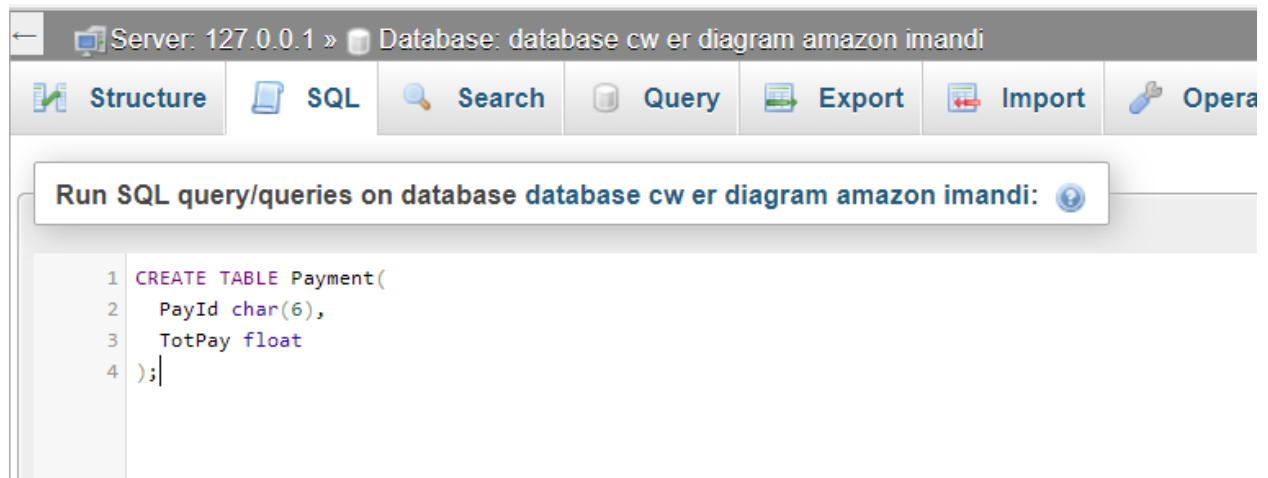
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Tr

Table structure Relation view

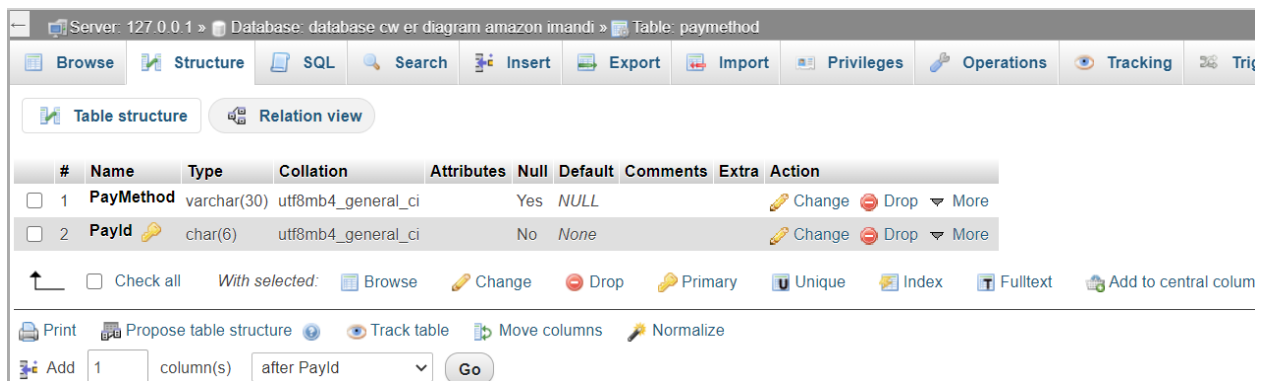
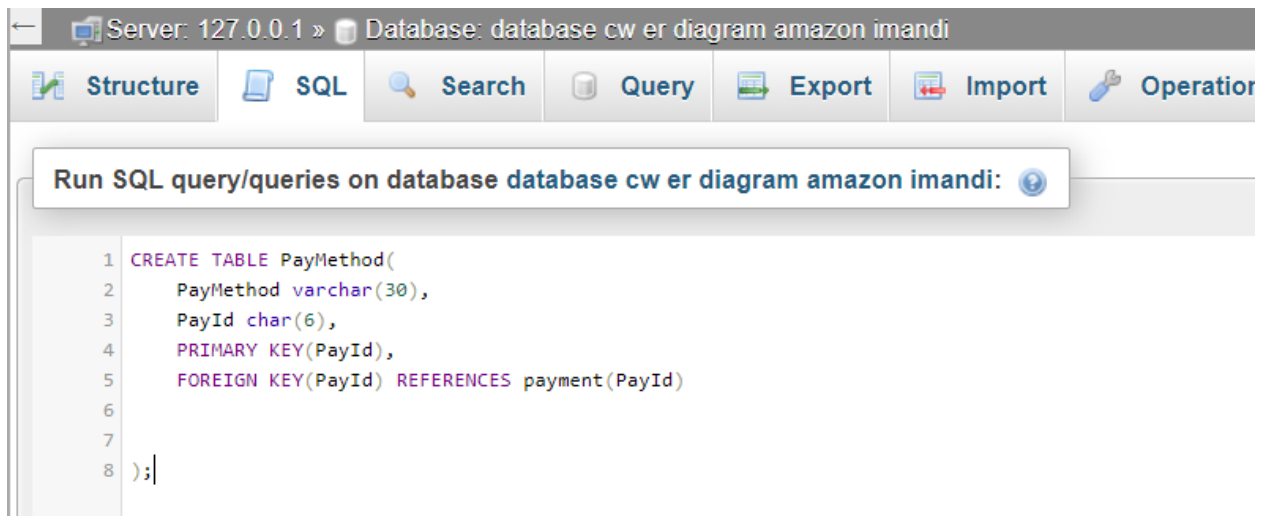
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	CustId	char(4)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	PayId	char(6)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	OrdId	char(6)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central color

9)Creating payment Table



10)Creating paymethod Table



11)Creating order Table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi

Structure SQL Search Query Export Import Operations

Run SQL query/queries on database database cw er diagram amazon imandi: ?

```

1 CREATE TABLE Order(
2     OrdId char(6) PRIMARY KEY,
3     ShipDate date,
4     OrdDate date,
5     ProdAmount float
6 );|

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: Order

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

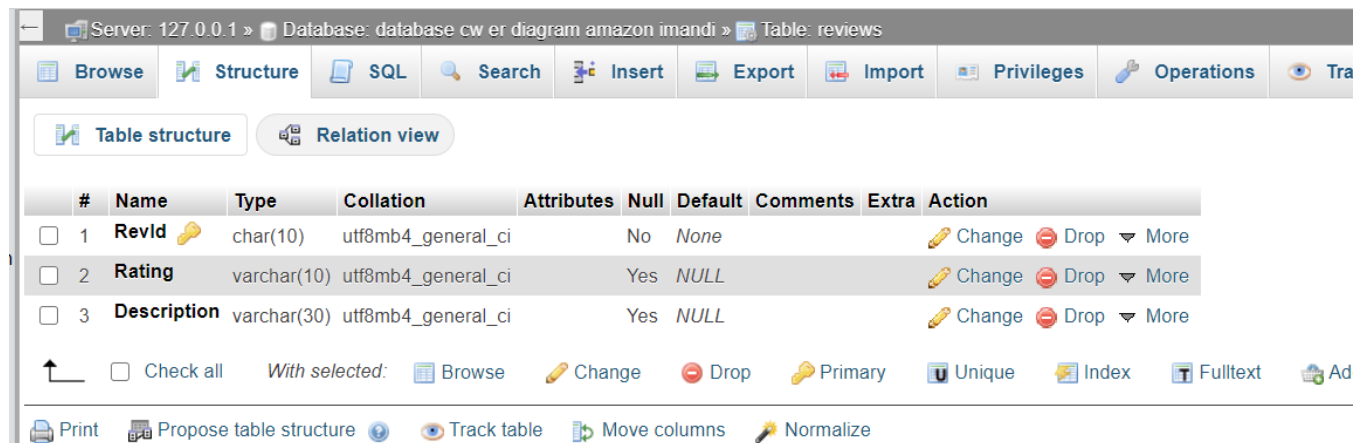
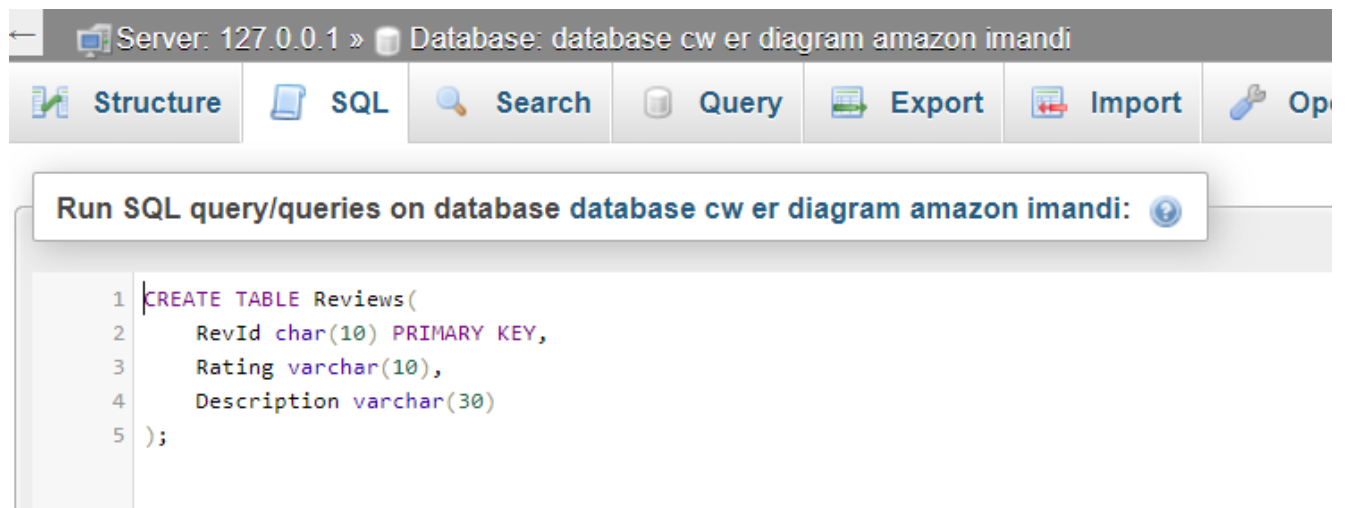
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	OrdId	char(6)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	ShipDate	date			Yes	NULL			Change Drop More
<input type="checkbox"/> 3	OrdDate	date			Yes	NULL			Change Drop More
<input type="checkbox"/> 4	ProdAmount	float			Yes	NULL			Change Drop More

☐ Check all
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 ☐ Change
 ☐ Drop
 ☐ Primary
 ☐ Unique
 ☐ Index
 ☐ Fulltext
 ☐ Add to central columns

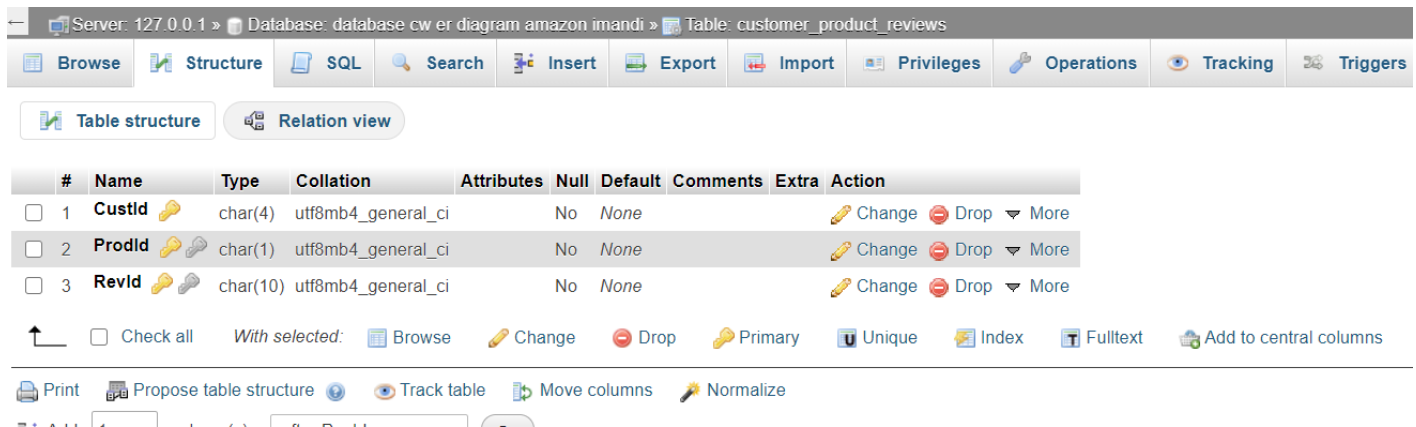
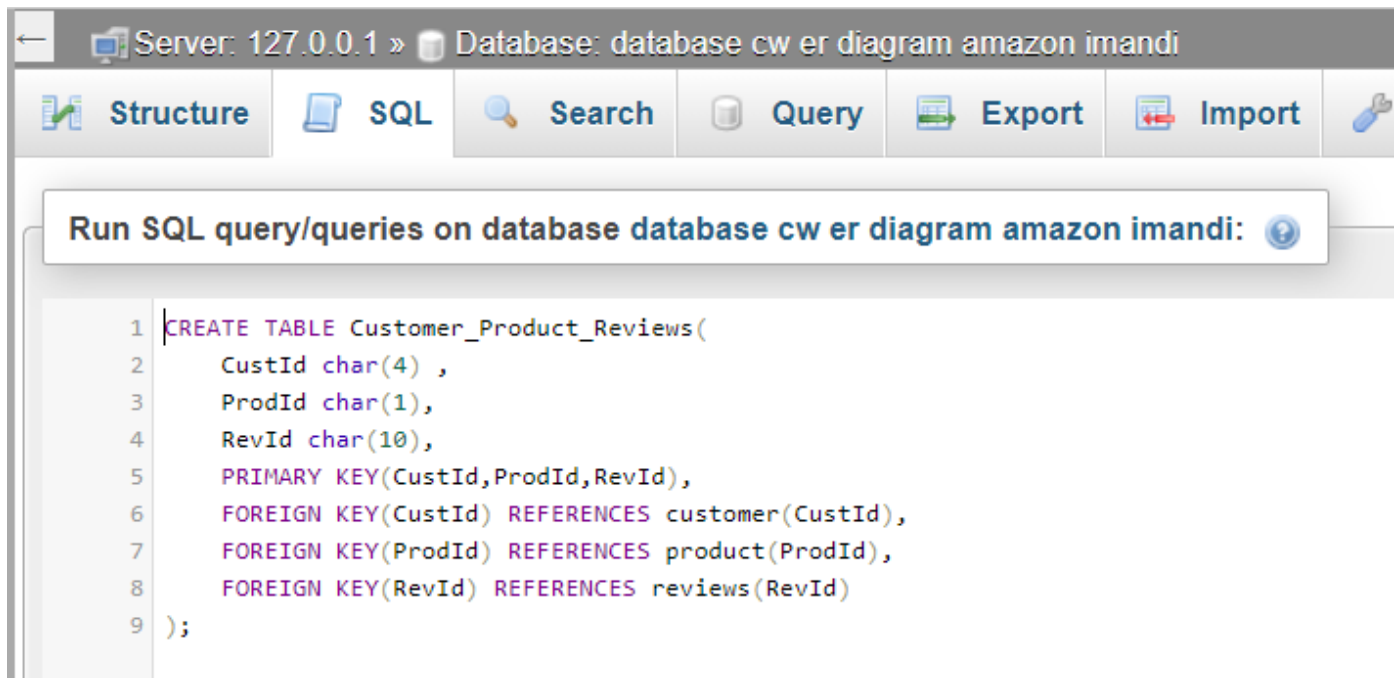
Print
 Propose table structure
 Track table
 Move columns
 Normalize

Add 1 column(s) after ProdAmount Go

12)Creating reviews Table



13)Creating customer_product_review Table



14)Creating order_product Table

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi

Structure SQL Search Query Export Import Open

Run SQL query/queries on database database cw er diagram amazon imandi:

```

1 CREATE TABLE Order_Product(
2     ProdId char(1),
3     OrdId char(6),
4     PRIMARY KEY(ProdId,OrdId),
5     FOREIGN KEY(ProdId) REFERENCES product(ProdId),
6     FOREIGN KEY(OrdId) REFERENCES Order(OrdId)
7 );

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: order_product

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	ProdId	char(1)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	OrdId	char(6)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all
 With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Re

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after OrdId Go

Question5

1) Inserting data to table customer

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations

Run SQL query/queries on table database cw er diagram amazon imandi.customer:

```
1 INSERT INTO customer
2 VALUES (1,1,"Jeff","No34 Mallikarama Rd Ratmalana SL","jeff@jovadoq.com","abc123"),(2,2,"Colin","No52 West Cross Lane NYC
3 USA","colin@gmail.com","hey123"),
4 (3,3,"Mary","No8 Central Park Lane NYC USA","mary@gmail.com","Mary@123"),(4,4,"Elsa","No 10 Krishana Rd IDA","elsa@gmail.com","elsaH"),
5 (5,5,"Jennifer","No2 Lavender Lane Paris France","jennifer12@gmail.com","Jeny12")
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

✓ Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.)

SELECT * FROM `customer`

☐ Profiling [Edit inline] [Edit]

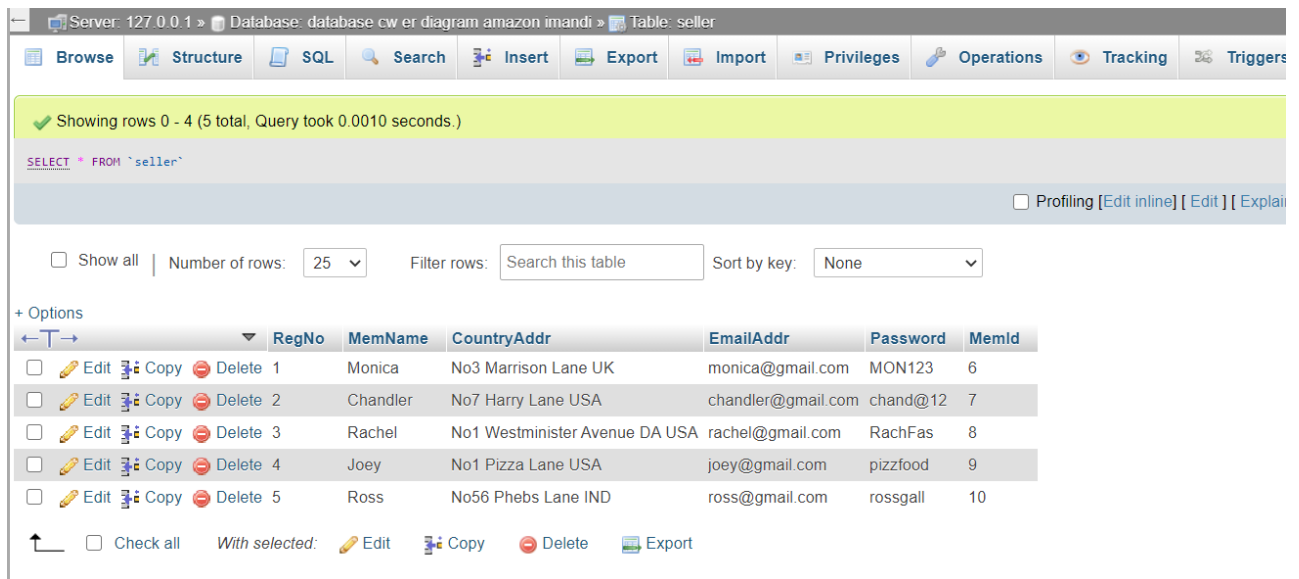
☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

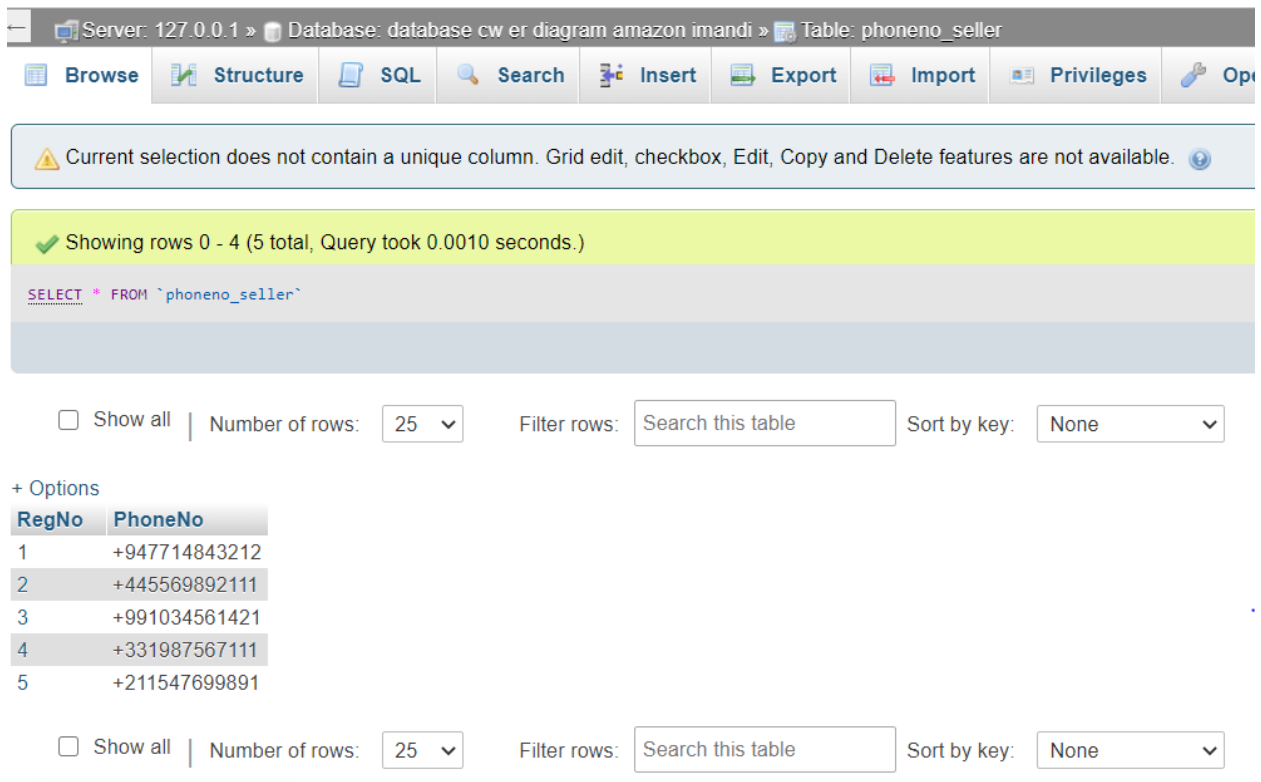
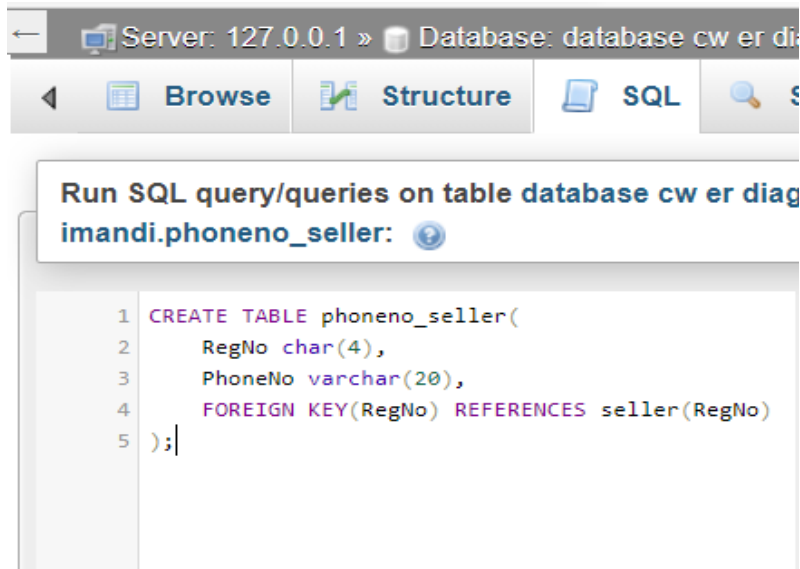
				CustId	MemId	MemName	CountryAddr	EmailAddr	Password
<input type="checkbox"/>	Edit	Copy	Delete	1	1	Jeff	No34 Mallikarama Rd Ratmalana SL	jeff@jovadoq.com	abc123
<input type="checkbox"/>	Edit	Copy	Delete	2	2	Colin	No52 West Cross Lane NYC USA	colin@gmail.com	hey123
<input type="checkbox"/>	Edit	Copy	Delete	3	3	Mary	No8 Central Park Lane NYC USA	mary@gmail.com	Mary@123
<input type="checkbox"/>	Edit	Copy	Delete	4	4	Elsa	No 10 Krishana Rd IDA	elsa@gmail.com	elsaH
<input type="checkbox"/>	Edit	Copy	Delete	5	5	Jennifer	No2 Lavender Lane Paris France	jennifer12@gmail.com	Jeny12

☐ Check all | With selected: Edit Copy Delete Export

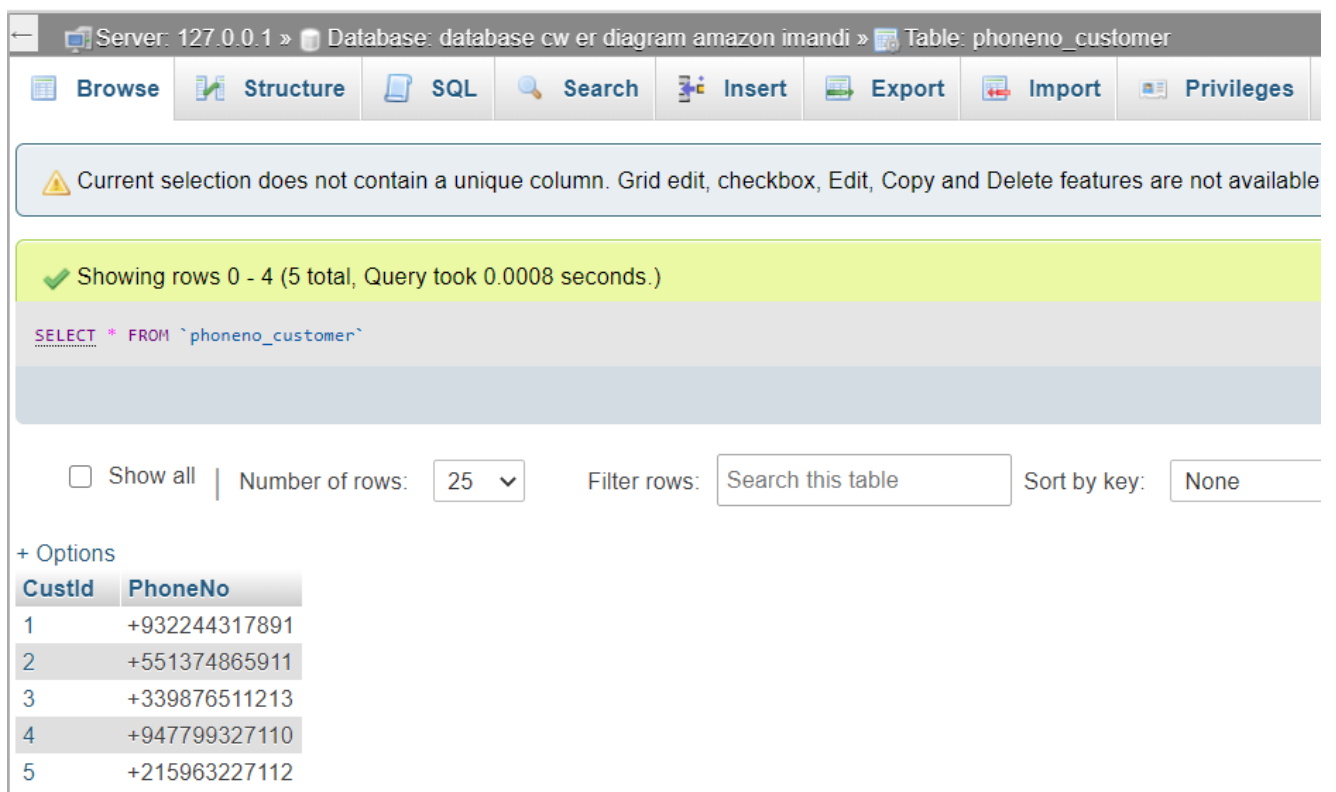
2) Inserting data to table seller



3) Inserting data to table phoneno_seller



4) Inserting data to table phoneno_customer



5) Inserting data to table product

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: product

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#)

Run SQL query/queries on table database cw er diagram amazon imandi.product: ?

```
1 INSERT INTO product
2 VALUES(1,"This product is used in heat stuff and very resistant","used with heat",10234,20.24,"heat burner",05),
3 (2,"Used when cleaning house utensils","cleaning utensils",30956,50.00,"cleaning cloth",06),
4 (3,"used when washing clothes","dry cleaning",12967,80.00,"washing machine",01),
5 (4,"this trampoline is stretching and water resistant","kids play item",34567,100.00,"Trampoline",03),
6 (5,"used to cut pizzas","kitchen utensils",23986,10.00,"pizza cutter",04)
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: product

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Tracking](#) [Triggers](#)

✓ Showing rows 0 - 4 (5 total, Query took 0.0012 seconds.)

`SELECT * FROM `product``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

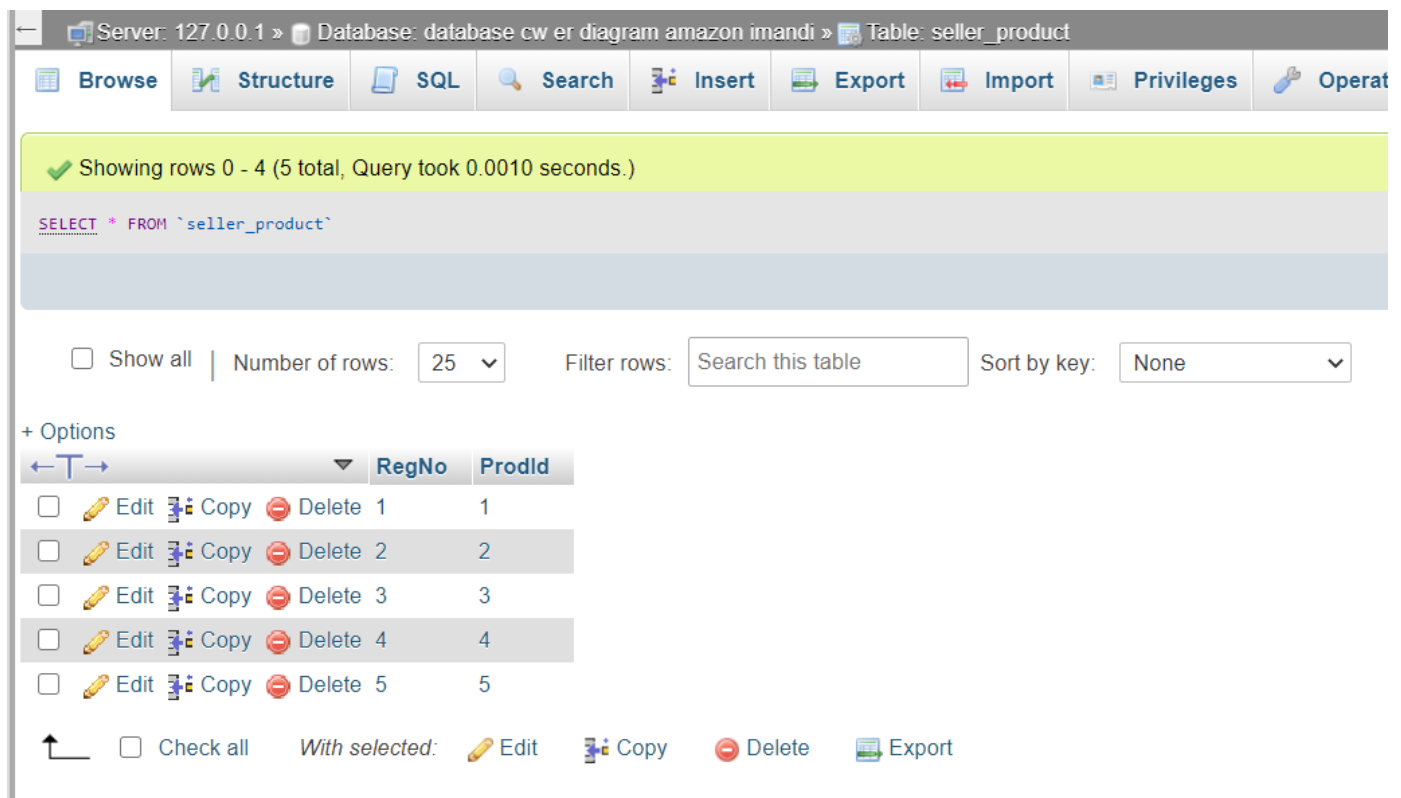
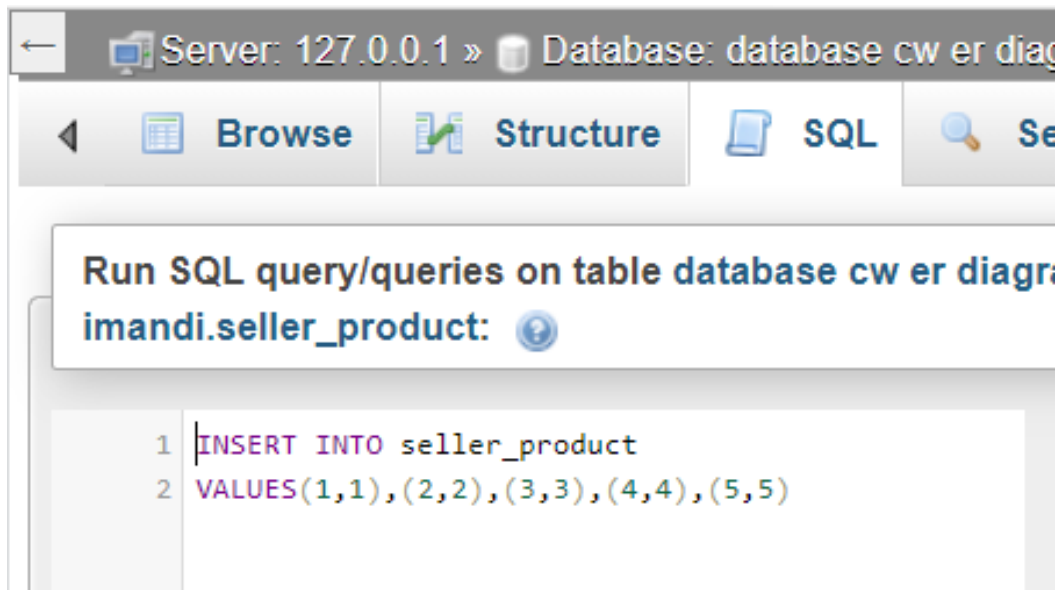
+ Options

		ProdId	LongDescrip	ShortDescrip	ProdImg	Price	ProdName	StockQty
<input type="checkbox"/>		1	This product is used in heat stuff and very resist	used with heat	[BLOB - 5 B]	20.24	heat burner	5
<input type="checkbox"/>		2	Used when cleaning house utensils	cleaning utensils	[BLOB - 5 B]	50	cleaning cloth	6
<input type="checkbox"/>		3	used when washing clothes	dry cleaning	[BLOB - 5 B]	80	washing machine	1
<input type="checkbox"/>		4	this trampoline is stretching and water resistant	kids play item	[BLOB - 5 B]	100	Trampoline	3
<input type="checkbox"/>		5	used to cut pizzas	kitchen utensils	[BLOB - 5 B]	10	pizza cutter	4

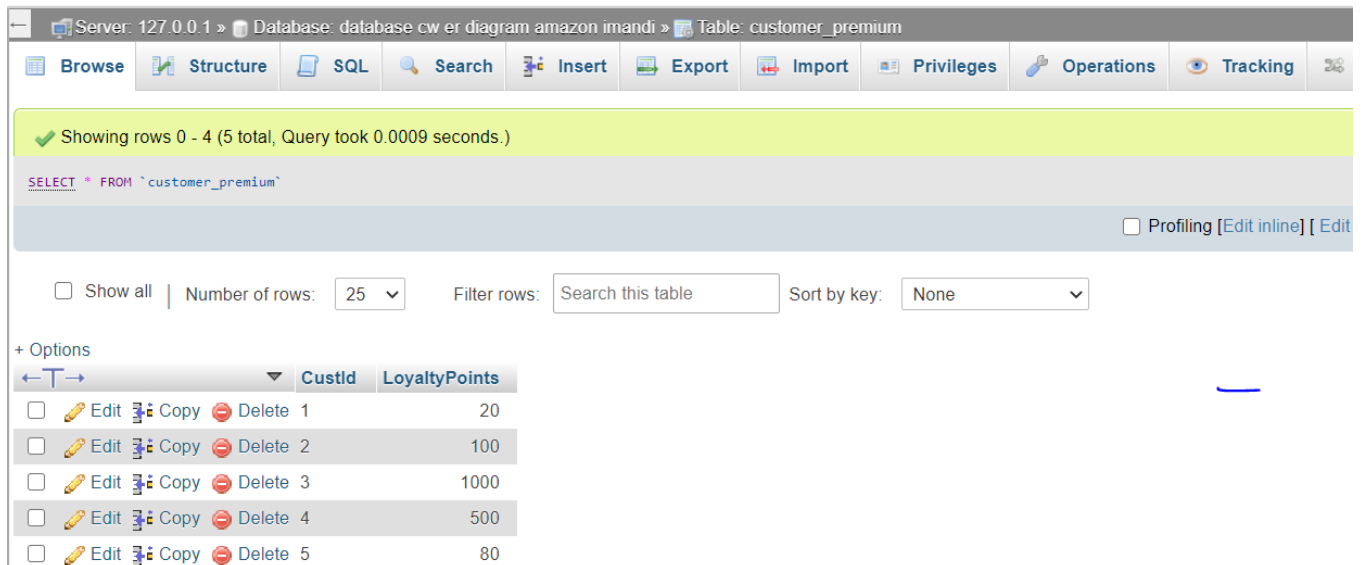
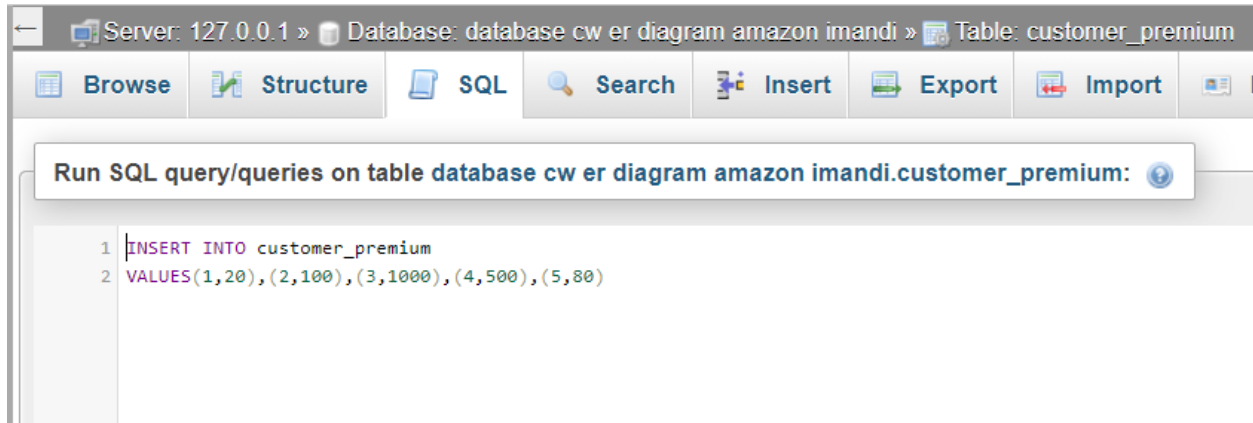
☐ Check all | With selected:

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

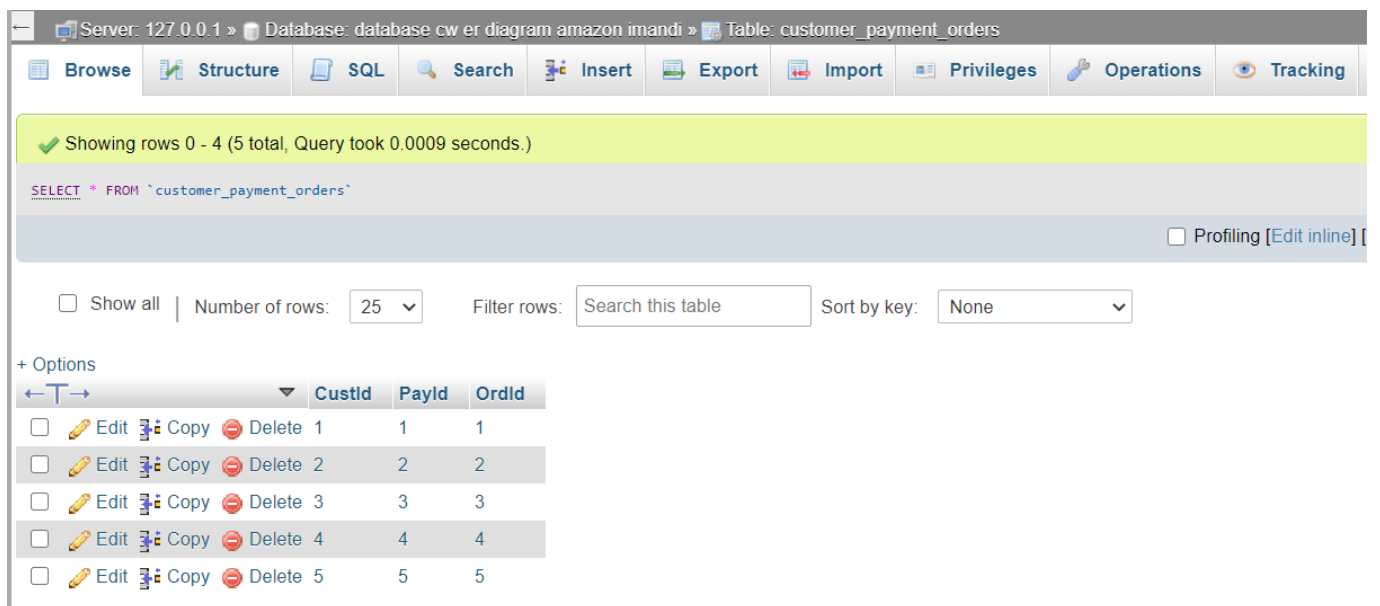
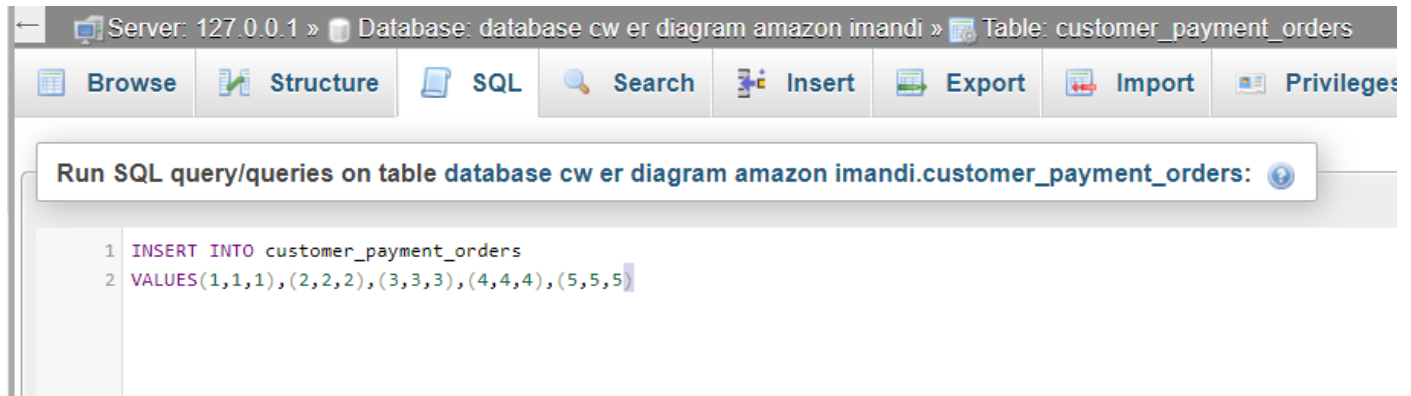
6) Inserting data to table seller_product



7) Inserting data to table customer_premium



8) Inserting data to table customer_payment_order



9) Inserting data to table payment

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: payment

Browse
 Structure
 SQL
 Search
 Insert
 Export
 Import
 Privileges
 Operations

Run SQL query/queries on table database cw er diagram amazon imandi.payment: ?

```

1 INSERT INTO payment
2 VALUES(1,100.00),(2,200.00),(3,350.00),(4,20.00),(5,90.00)
    
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: payment

Browse
 Structure
 SQL
 Search
 Insert
 Export
 Import
 Privileges
 Operations

✓ Showing rows 0 - 4 (5 total, Query took 0.0006 seconds.)

`SELECT * FROM `payment``

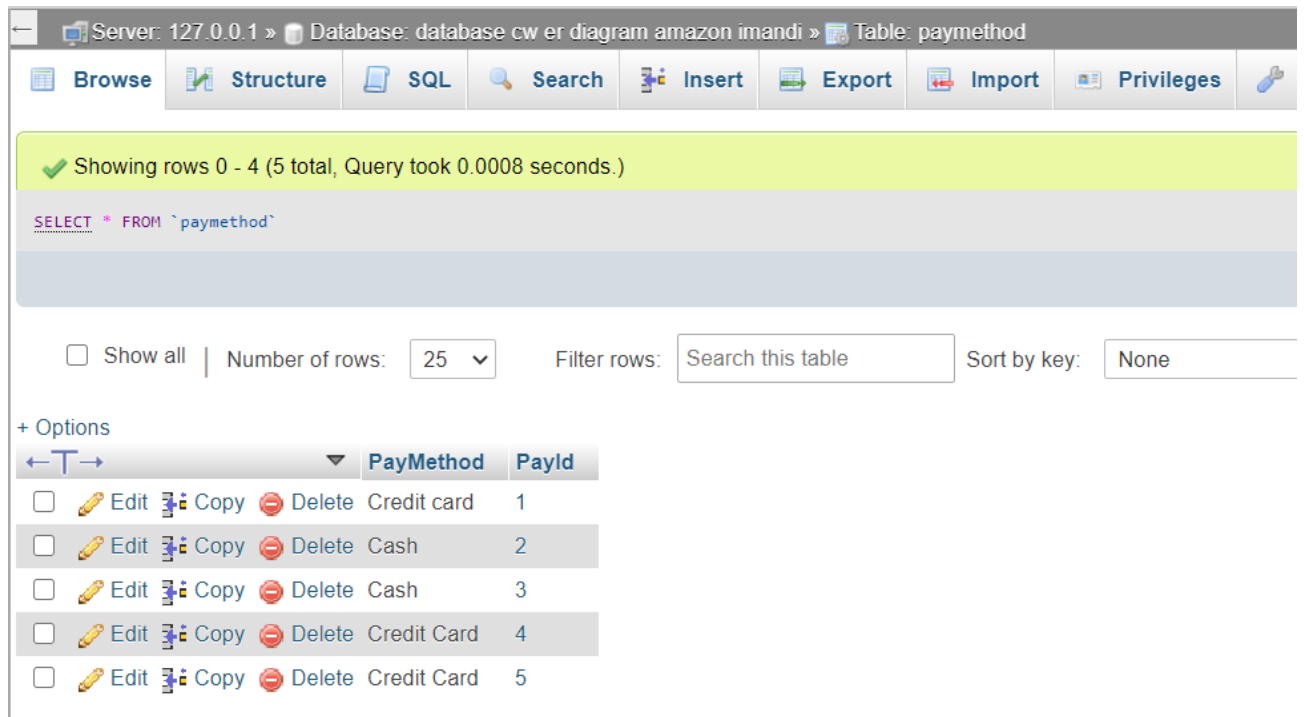
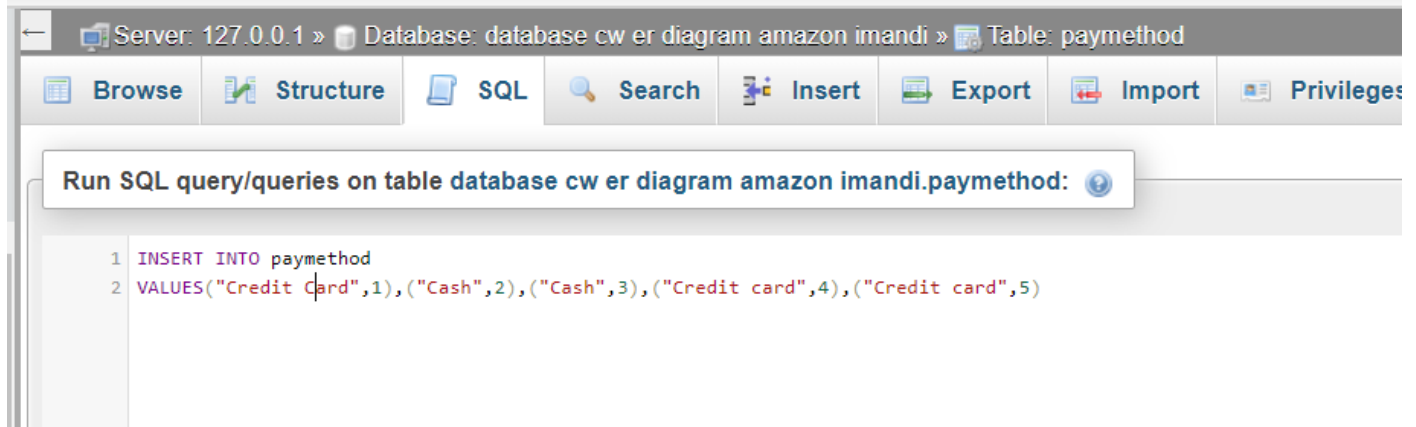
☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	PayId	TotPay
<input type="checkbox"/> Edit Copy Delete	1	100
<input type="checkbox"/> Edit Copy Delete	2	200
<input type="checkbox"/> Edit Copy Delete	3	350
<input type="checkbox"/> Edit Copy Delete	4	20
<input type="checkbox"/> Edit Copy Delete	5	90

☐ Check all | With selected: Edit Copy Delete Export

10) Inserting data to table payment



11) Inserting data to table order

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: Order

Browse Structure SQL Search Insert Export Import Privileges Operations

Run SQL query/queries on table database cw er diagram amazon imandi.Order: ?

```

1 Insert into Order
2 VALUES(001,"2020-09-14","2020-09-01",20.24),(002,"2019-08-11","2019-07-29",50.00),(003,"2018-09-28","2018-09-20",80.00),(004,"2019-05-15","2019-05-10",100.00),(005,"2020-11-01","2020-10-29",10.00)

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: Order

Browse Structure SQL Search Insert Export Import Privileges

✓ Showing rows 0 - 4 (5 total, Query took 0.0009 seconds.)

SELECT * FROM `Order`

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				OrdId	ShipDate	OrdDate	ProdAmount
<input type="checkbox"/>	Edit	Copy	Delete	1	2020-09-14	2020-09-01	20.24
<input type="checkbox"/>	Edit	Copy	Delete	2	2019-08-11	2019-07-29	50
<input type="checkbox"/>	Edit	Copy	Delete	3	2018-09-28	2018-09-20	80
<input type="checkbox"/>	Edit	Copy	Delete	4	2019-05-15	2019-05-10	100
<input type="checkbox"/>	Edit	Copy	Delete	5	2020-11-01	2020-10-29	10

12) Inserting data to table reviews

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: reviews

Browse Structure SQL Search Insert Export Import Privileges Operations

Run SQL query/queries on table database cw er diagram amazon imandi.reviews:

```

1 INSERT INTO reviews
2 VALUES(1,"8/10","Excellent product"),(2,"9/10","Amazing product"),(3,"6/10","Fairly Good"),(4,"7/10","Good"),(5,"2/10","needs improvement")

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: reviews

Browse Structure SQL Search Insert Export Import Privileges Operations Track

✓ Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

SELECT * FROM `reviews`

☐ Profiling [Edit i]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	Revid	Rating	Description
<input type="checkbox"/> Edit Copy Delete	1	8/10	Excellent product
<input type="checkbox"/> Edit Copy Delete	2	9/10	Amazing Product
<input type="checkbox"/> Edit Copy Delete	3	6/10	sometimes it doesnt work
<input type="checkbox"/> Edit Copy Delete	4	7/10	Good product
<input type="checkbox"/> Edit Copy Delete	5	2/10	Needs Improvement

↑ ☐ Check all With selected: Edit Copy Delete Export

13) Inserting data to table customer_product_reviews

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer_product_reviews

Browse Structure SQL Search Insert Export Import Privileges

Run SQL query/queries on table database cw er diagram amazon imandi.customer_product_reviews:

```

1 INSERT INTO customer_product_reviews
2 VALUES(1,1,1),(2,2,2),(3,3,3),(4,4,4),(5,5,5)

```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer_product_reviews

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

SELECT * FROM `customer_product_reviews`

☐ Profiling

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	CustId	ProdId	RevId
<input type="checkbox"/> Edit Copy Delete	1	1	1
<input type="checkbox"/> Edit Copy Delete	2	2	2
<input type="checkbox"/> Edit Copy Delete	3	3	3
<input type="checkbox"/> Edit Copy Delete	4	4	4
<input type="checkbox"/> Edit Copy Delete	5	5	5

☐ Check all With selected: Edit Copy Delete Export

14) Inserting data to table order_product

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: order_product

Browse Structure SQL Search Insert Export Import F

Run SQL query/queries on table database cw er diagram amazon imandi.order_product: ?

```
1 INSERT INTO order_product
2 VALUES(1,1),(2,2),(3,3),(4,4),(5,5)|
```

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: order_product

Browse Structure SQL Search Insert Export Import Privileges

✓ Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

```
SELECT * FROM `order_product`
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

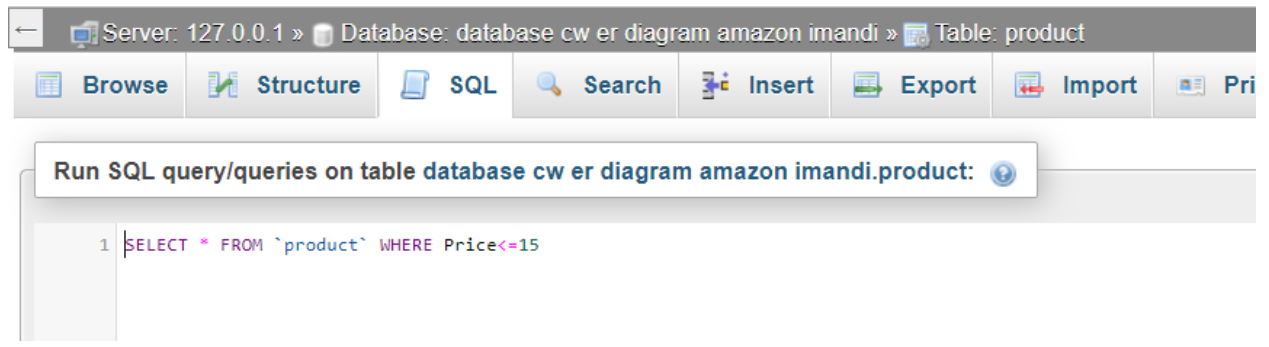
+ Options

	ProdId	OrdId
<input type="checkbox"/> Edit Copy Delete	1	1
<input type="checkbox"/> Edit Copy Delete	2	2
<input type="checkbox"/> Edit Copy Delete	3	3
<input type="checkbox"/> Edit Copy Delete	4	4
<input type="checkbox"/> Edit Copy Delete	5	5

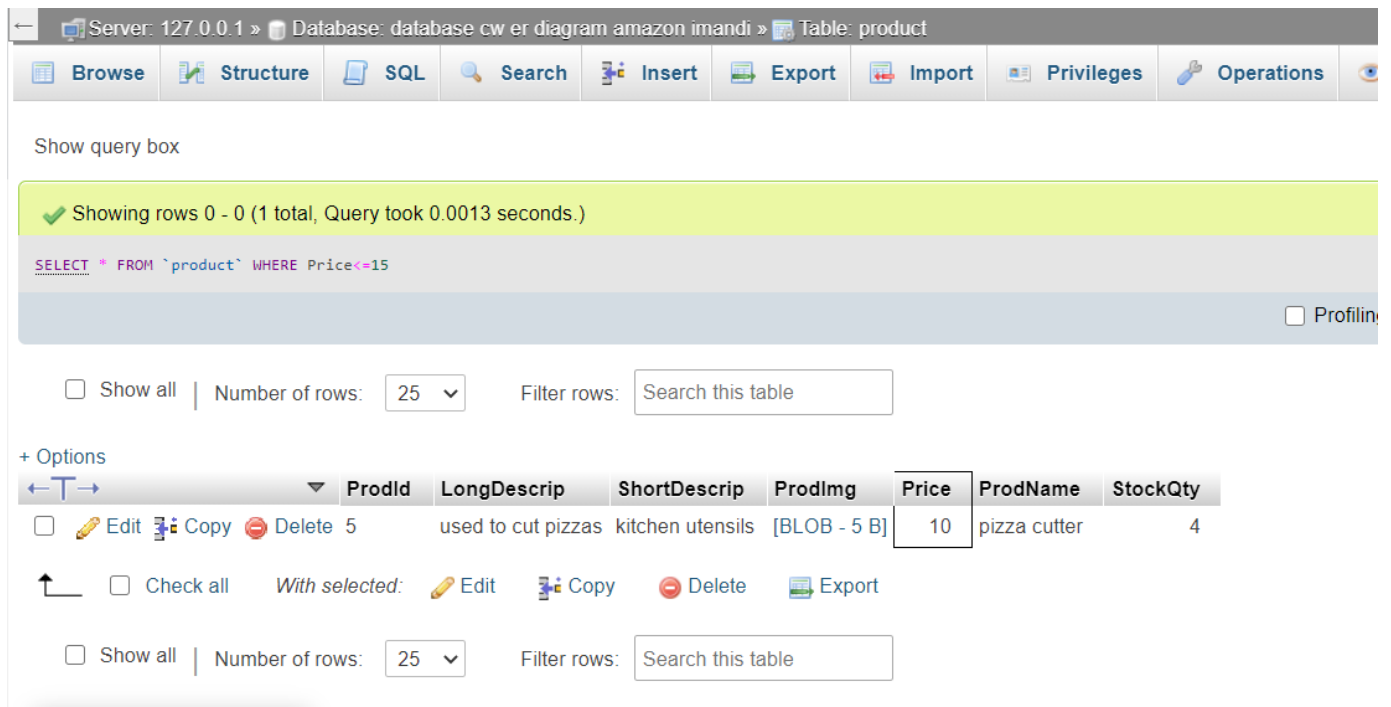
↑ ☐ Check all With selected: Edit Copy Delete Export

Question 6

Part 1)



Output:



Part 2)

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations

Run SQL query/queries on table database cw er diagram amazon imandi.customer:

```
1 SELECT * FROM `customer`
2 INNER JOIN `customer_premium`
3 ON customer.CustId= customer_premium.CustId;
```

Output:

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 4 (5 total, Query took 0.0032 seconds.)

```
SELECT * FROM `customer` INNER JOIN `customer_premium` ON customer.CustId= customer_premium.CustId
```

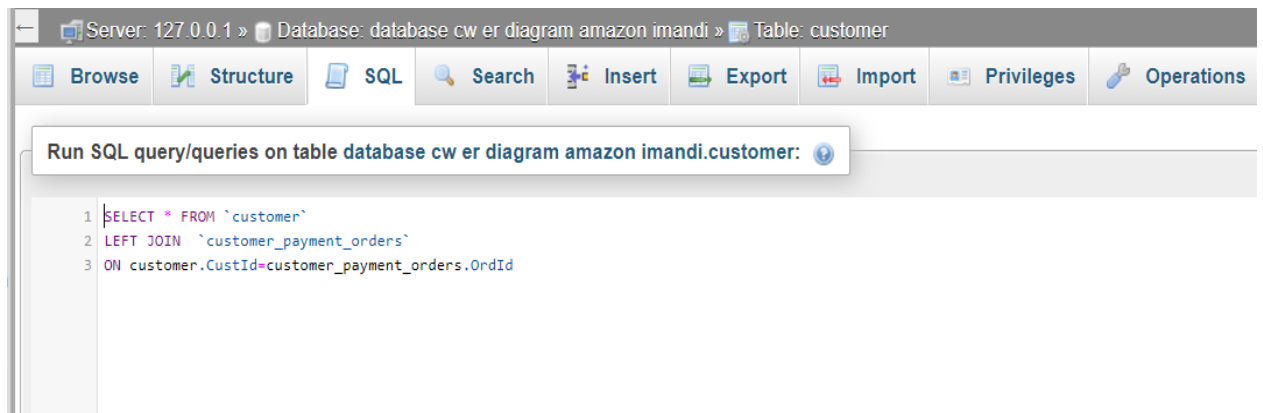
☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

CustId	MemId	MemName	CountryAddr	EmailAddr	Password	CustId	LoyaltyPoints
1	1	Jeff	No34 Mallikarama Rd Ratmalana SL	jeff@jovadoq.com	abc123	1	20
2	2	Colin	No52 West Cross Lane NYC USA	colin@gmail.com	hey123	2	100
3	3	Mary	No8 Central Park Lane NYC USA	mary@gmail.com	Mary@123	3	1000
4	4	Elsa	No 10 Krishana Rd IDA	elsa@gmail.com	elsaH	4	500
5	5	Jennifer	No2 Lavender Lane Paris France	jennifer12@gmail.com	Jeny12	5	80

Part 3) for left join



Output:

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 4 (5 total, Query took 0.0035 seconds.)

`SELECT * FROM `customer` LEFT JOIN `customer_payment_orders` ON customer.CustId=customer_payment_orders.OrdId`

☐ Profiling [Edit inline] [Edit] [Exp]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	CustId	MemId	MemName	CountryAddr	EmailAddr	Password	CustId	PayId	OrdId
1	1	Jeff	No34 Mallikarama Rd Ratmalana SL	jeff@jovadoq.com	abc123	1	1	1	
2	2	Colin	No52 West Cross Lane NYC USA	colin@gmail.com	hey123	2	2	2	
3	3	Mary	No8 Central Park Lane NYC USA	mary@gmail.com	Mary@123	3	3	3	
4	4	Elsa	No 10 Krishana Rd IDA	elsa@gmail.com	elsaH	4	4	4	
5	5	Jennifer	No2 Lavender Lane Paris France	jennifer12@gmail.com	Jeny12	5	5	5	

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

For Right Join

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges

Run SQL query/queries on table database cw er diagram amazon imandi.customer: ?

```

1 | SELECT * FROM `customer`
2 | RIGHT JOIN `customer_payment_orders`
3 | ON customer.CustId=customer_payment_orders.OrdId

```

Output:

Server: 127.0.0.1 » Database: database cw er diagram amazon imandi » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ?

✓ Showing rows 0 - 4 (5 total, Query took 0.0084 seconds.)

```
SELECT * FROM `customer` RIGHT JOIN `customer_payment_orders` ON customer.CustId=customer_payment_orders.OrdId
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PH]

☐ Show all | Number of rows: 25 ▼ | Filter rows: Search this table | Sort by key: None ▼

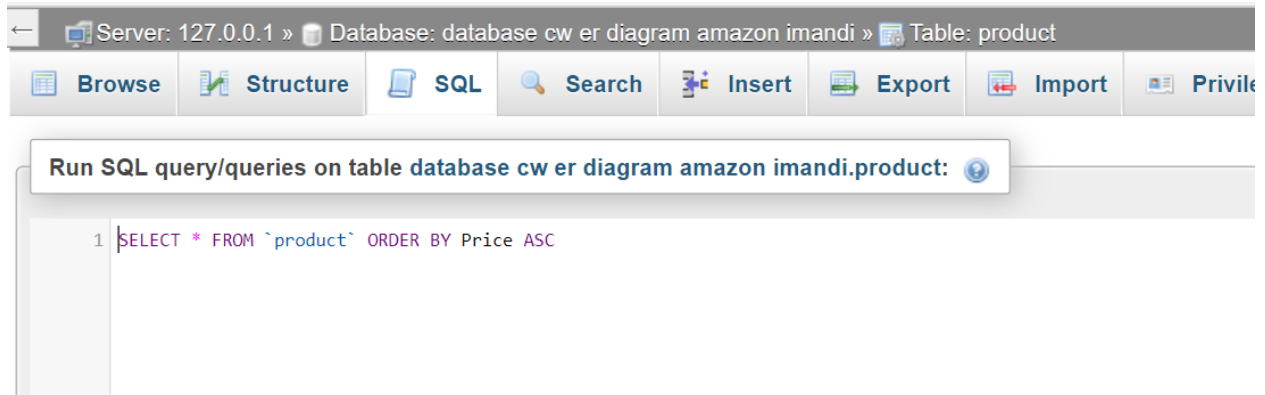
+ Options

	CustId	MemId	MemName	CountryAddr	EmailAddr	Password	CustId	PayId	OrdId
1	1	Jeff	No34 Malikarama Rd Ratmalana SL	jeff@jovadoq.com	abc123	1	1	1	
2	2	Colin	No52 West Cross Lane NYC USA	colin@gmail.com	hey123	2	2	2	
3	3	Mary	No8 Central Park Lane NYC USA	mary@gmail.com	Mary@123	3	3	3	
4	4	Elsa	No 10 Krishana Rd IDA	elsa@gmail.com	elsaH	4	4	4	
5	5	Jennifer	No2 Lavender Lane Paris France	jennifer12@gmail.com	Jeny12	5	5	5	

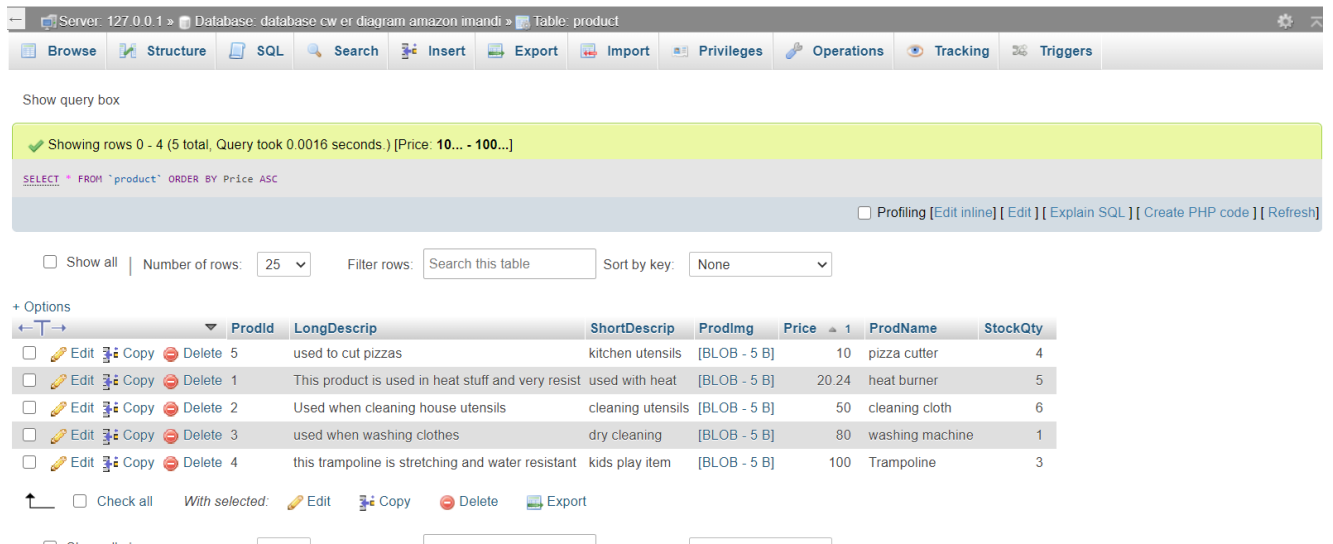
☐ Show all | Number of rows: 25 ▼ | Filter rows: Search this table | Sort by key: None ▼

Part 4)

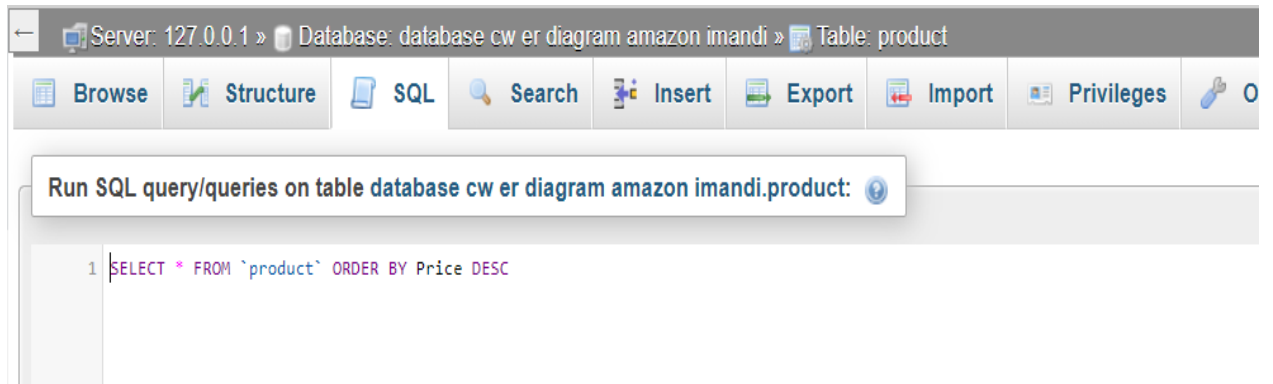
Ascending order



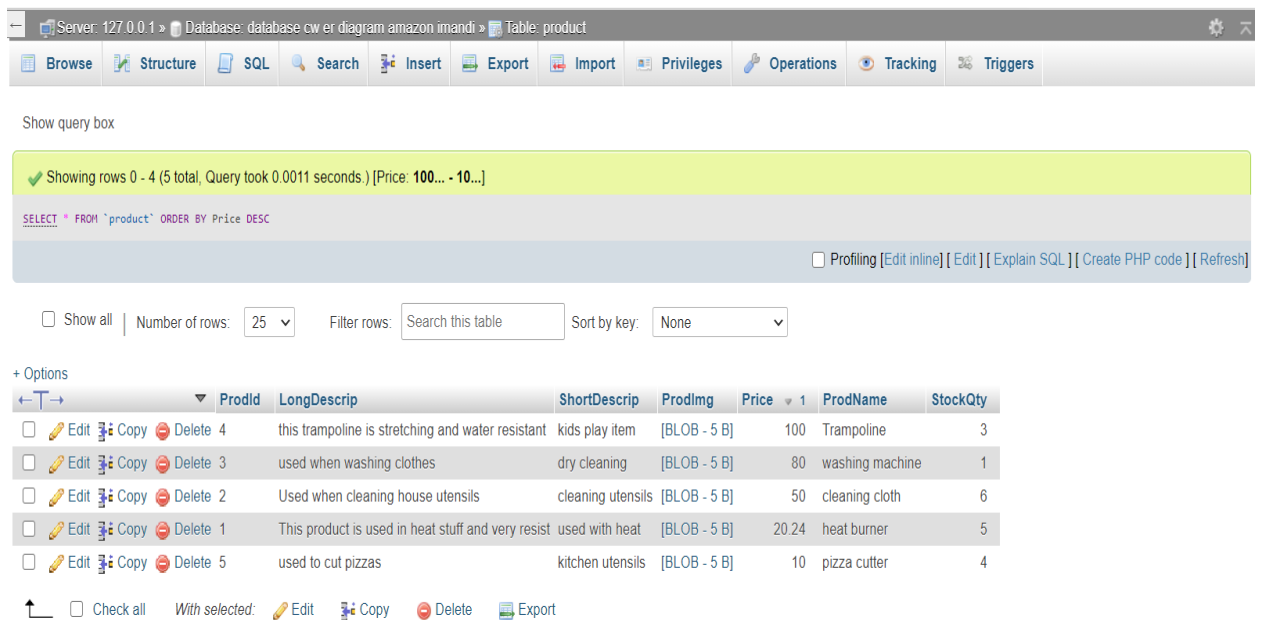
Output :



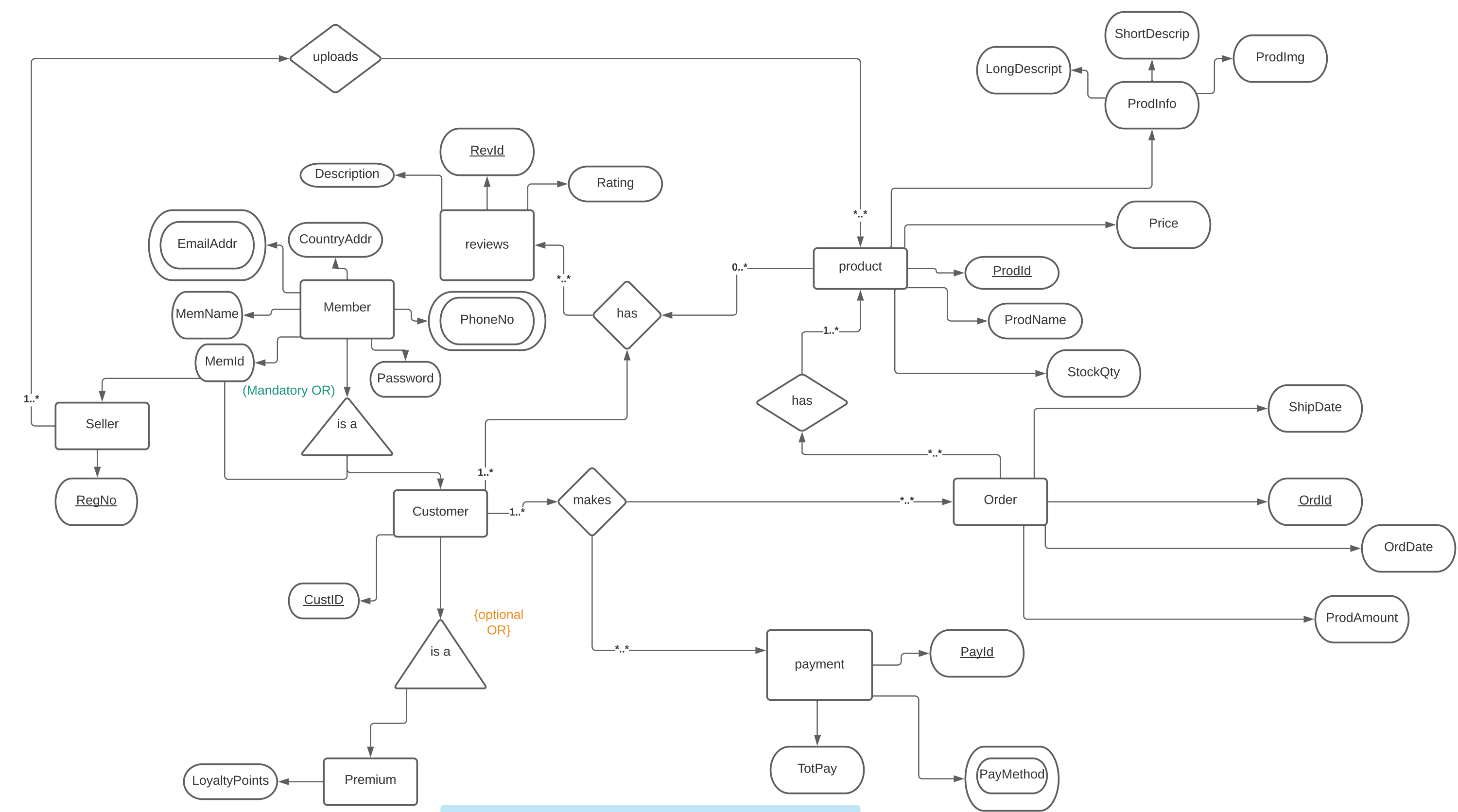
Descending Order



Output:



DATABASE CW ER DIAGRAM AMAZON(Question 1)



ASSUMPTIONS
 -other customers can see which customer has given a certain review on which product
 -Member has to be either a customer or seller