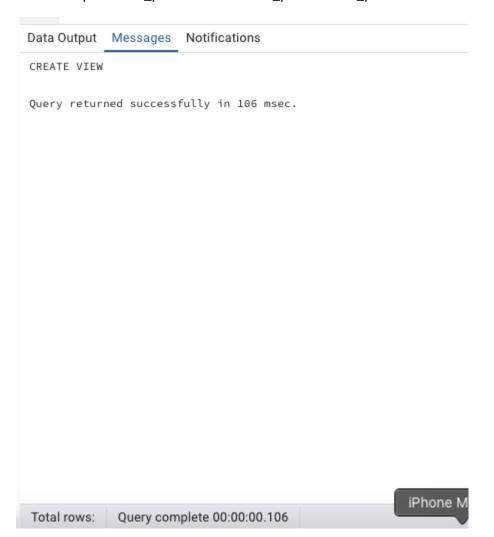1.Create view vw_updatable_products (use same query whatever I used in the training)

Try updating view with below query and see if the product table also gets updated.

Update query:

UPDATE updatable_products SET unit_price = unit_price * 1.1 WHERE units_in_stock < 10;

Data Output   Messages   Notifications

```
CREATE VIEW

Query returned successfully in 106 msec.
```

iPhone M

Total rows: Query complete 00:00:00.106

Data Output   Messages   Notifications

UPDATE 12

Query returned successfully in 39 msec.

Total rows: Query complete 00:00:00.039   System S

	product_id [PK] smallint	product_name character varying (40)	unit_price real	units_in_stock smallint
1	5	Chef Anton's Gumbo Mix	23.485	0
2	8	Northwoods Cranberry Sau...	44	6
3	17	Alice Mutton	42.9	0
4	21	Sir Rodney's Scones	11	3
5	29	Thüringer Rostbratwurst	136.169	0
6	31	Gorgonzola Telino	13.75	0
7	32	Mascarpone Fabioli	35.2	9
8	45	Rogede sild	10.45	5
9	53	Perth Pasties	36.079998	0
10	66	Louisiana Hot Spiced Okra	18.7	4
11	68	Scottish Longbreads	13.75	6
12	74	Longlife Tofu	11	4

2.Transaction:

Update the product price for products by 10% in category id=1

Try COMMIT and ROLLBACK and observe what happens.

Data Output   Messages   Notifications

UPDATE 12

Query returned successfully in 47 msec.

Total rows: Query complete 00:00:00.047   GitHub De

Data Output   Messages   Notifications

	product_id [PK] smallint	product_name character varying (40)	unit_price real
1	1	Chai	18
2	2	Chang	19
3	24	Guaraná Fantástica	4.5
4	34	Sasquatch Ale	14
5	35	Steeleye Stout	18
6	38	Côte de Blaye	263.5
7	39	Chartreuse verte	18
8	43	Ipoh Coffee	46
9	67	Laughing Lumberjack Lag…	14
10	70	Outback Lager	15
11	75	Rhönbräu Klosterbier	7.75
12	76	Lakkalikööri	18

Telegr

Total rows: 12   Query complete 00:00:00.077

Products Table After COMMIT:

Data Output   Messages   Notifications

	product_id [PK] smallint	product_name character varying (40)	unit_price real
1	1	Chai	19.8
2	2	Chang	20.9
3	24	Guaraná Fantástica	4.95
4	34	Sasquatch Ale	15.4
5	35	Steeleye Stout	19.8
6	38	Côte de Blaye	289.85
7	39	Chartreuse verte	19.8
8	43	Ipoh Coffee	50.6
9	67	Laughing Lumberjack Lag...	15.4
10	70	Outback Lager	16.5
11	75	Rhönbräu Klosterbier	8.525
12	76	Lakkalikööri	19.8

3.Create a regular view which will have below details (Need to do joins):

Employee_id,

Employee_full_name,

Title,

Territory_id,

territory_description,

region_description

Data Output Messages Notifications

Showing rows: 1 to 49 ✏ Page No: 1

	employee_id smallint	employee_name text	title character varying (30)	territory_id character varying (20)	territory_description character varying (60)	region_description character varying (60)
1	1	Nancy Davolio	Sales Representative	06897	Wilton	Eastern
2	1	Nancy Davolio	Sales Representative	19713	Neward	Eastern
3	2	Andrew Fuller	Vice President, Sales	01581	Westboro	Eastern
4	2	Andrew Fuller	Vice President, Sales	01730	Bedford	Eastern
5	2	Andrew Fuller	Vice President, Sales	01833	Georgetow	Eastern
6	2	Andrew Fuller	Vice President, Sales	02116	Boston	Eastern
7	2	Andrew Fuller	Vice President, Sales	02139	Cambridge	Eastern
8	2	Andrew Fuller	Vice President, Sales	02184	Braintree	Eastern
9	2	Andrew Fuller	Vice President, Sales	40222	Louisville	Eastern
10	3	Janet Leverling	Sales Representative	30346	Atlanta	Southern
11	3	Janet Leverling	Sales Representative	31406	Savannah	Southern
12	3	Janet Leverling	Sales Representative	32859	Orlando	Southern
13	3	Janet Leverling	Sales Representative	33607	Tampa	Southern
14	4	Margaret Peacock	Sales Representative	20852	Rockville	Eastern
15	4	Margaret Peacock	Sales Representative	27403	Greensboro	Eastern
16	4	Margaret Peacock	Sales Representative	27511	Cary	Eastern
17	5	Steven Buchanan	Sales Manager	02903	Providence	Eastern

Total rows: 49   Query complete 00:00:00.042

4.Create a recursive CTE based on Employee Hierarchy

	level integer	employee_id smallint	employee_name text
1	0	2	Andrew Fuller
2	1	1	Nancy Davolio
3	1	3	Janet Leverling
4	1	4	Margaret Peacock
5	1	5	Steven Buchanan
6	1	8	Laura Callahan
7	2	6	Michael Suyama
8	2	7	Robert King
9	2	9	Anne Dodsworth

iPhone Mir

Total rows: 9   Query complete 00:00:00.062