

ACTIVIDAD 1: DISEÑO DE BASES DE DATOS

ALUMNO: JOSE REINALDO MARTINEZ MORAN

• INSERTE UN NUEVO CLIENTE

Ver We Die Young (2019) Online... GUÍA DE EJERCICIOS 1 - Docu... pgAdmin 4 Presentación 1.pptx - Microsof... traductor - Buscar con Google

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Dashboard Properties SQL Statistics Dependencies Dependents neptunito/postgres@PostgreSQL 12 *

neptunito/postgres@PostgreSQL 12

Query Editor Query History

```
1 INSERT INTO customers VALUES ('RODMZ', 'atakados taquería', 'Rodolfo Martinez', 'owner', 'urb. villa del Lobo', 'Santa Ana', 'CA', '0358', 'El Salvador', '+503 23563')
2 select * from customers where customer_id like 'R%'
```

Data Output Explain Messages Notifications

	customer_id character	company_name character varying (40)	contact_name character varying (30)	contact_title character varying (30)	address character varying (60)	city character varying (15)	region character varying (15)	postal_code character varying (10)	country character varyin
1	RANCH	Rancho grande	Sergio Gutiérrez	Sales Representative	Av. del Libertador 900	Buenos Aires	[null]	1010	Argentina
2	RATTC	Rattlesnake Canyon Grocery	Paula Wilson	Assistant Sales Representative	2817 Milton Dr.	Albuquerque	NM	87110	USA
3	REGGC	Reggiani Caseifici	Maurizio Moroni	Sales Associate	Strada Provinciale 124	Reggio Emilia	[null]	42100	Italy
4	RICAR	Ricardo Adocicados	Janete Limeira	Assistant Sales Agent	Av. Copacabana, 267	Rio de Janeiro	RJ	02389-890	Brazil
5	RICSU	Richter Supermarkt	Michael Holz	Sales Manager	Grenzacherweg 237	Genève	[null]	1203	Switzerland
6	ROMEY	Romero y tomillo	Alejandra Camino	Accounting Manager	Gran Vía, 1	Madrid	[null]	28001	Spain
7	RODMZ	atakados taquería	Rodolfo Martinez	owner	urb. villa del Lobo	Santa Ana	CA	0358	El Salvador

6:31 p. m. 14/7/2020

INSERTE UNA NUEVA VENTA INCUYENDO SU DETALLE

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Query Editor

Query History

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```
SELECT * FROM orders
SELECT * FROM employees
SELECT * FROM order_details where order_id = 10790
insert into order_details values (10790, 30, 24, 6, 0.50);

insert into
orders values (10790, 'BBDS', 2, '1663-12-03', '1999-12-10', '2020-06-3', 4, 60.2, 'nnnnnn', 'col. jose' , 'santa ana', 'sa', 4551, 'el salvador');
select * from orders as os join order_details as od on os.order_id= od.order_id where os.order_id = 10790
```

Data Output

Explain

Messages

Notifications

	order_id smallint	customer_id character	employee_id smallint	order_date date	required_date date	shipped_date date	ship_via smallint	freight real	ship_name character varying (40)	ship_address character varying (60)	ship_city character varying (15)	ship_region character vary
1	10790	GOURL	6	1997-12-22	1998-01-19	1997-12-26	1	28.23	Gourmet Lanchonetes	Av. Brasil, 442	Campinas	SP
2	10790	GOURL	6	1997-12-22	1998-01-19	1997-12-26	1	28.23	Gourmet Lanchonetes	Av. Brasil, 442	Campinas	SP
3	10790	GOURL	6	1997-12-22	1998-01-19	1997-12-26	1	28.23	Gourmet Lanchonetes	Av. Brasil, 442	Campinas	SP
4	10790	BBDS	2	1663-12-03	1999-12-10	2020-06-03	4	60.2	nnnnnn	col. jose	santa ana	sa
5	10790	BBDS	2	1663-12-03	1999-12-10	2020-06-03	4	60.2	nnnnnn	col. jose	santa ana	sa
6	10790	BBDS	2	1663-12-03	1999-12-10	2020-06-03	4	60.2	nnnnnn	col. jose	santa ana	sa

12:06 p. m.

15/7/2020

A TODOS LOS EMPLEADOS MUJERES AGREGAR EL TÍTULO "MISS" EN EL NOMBRE

```
1 ALTER TABLE employees ALTER COLUMN first_name type varchar(20);
2 UPDATE employees SET first_name = 'Miss Nancy' WHERE employee_id = 1;
3 UPDATE employees SET first_name = 'Miss Janet' WHERE employee_id = 3;
4 UPDATE employees SET first_name = 'Miss Margaret' WHERE employee_id = 4;
5 UPDATE employees SET first_name = 'Miss Laura' WHERE employee_id = 8;
6 UPDATE employees SET first_name = 'Miss Anne' WHERE employee_id = 9;
7 select * from employees where first_name like 'Miss%';
8
```

Se alteró la tabla, ya que el nombre no tenía la cantidad suficiente de caracteres para poderle agregar un título

employee_id smallint	last_name character varying (20)	first_name character varying (20)	title character varying (30)	title_of_courtesy character varying (25)	birth_date date	hire_date date	address character varying (60)	city character varying (15)	region character va
1	1 Davolio	Miss Nancy	Sales Representative	Ms.	1948-12-08	1992-05-01	507 - 20th Ave. E.\nApt. 2A	Seattle	WA
2	3 Leverling	Miss Janet	Sales Representative	Ms.	1963-08-30	1992-04-01	722 Moss Bay Blvd.	Kirkland	WA
3	4 Peacock	Miss Margaret	Sales Representative	Mrs.	1937-09-19	1993-05-03	4110 Old Redmond Rd.	Redmond	WA
4	9 Dodsworth	Miss Anne	Sales Representative	Ms.	1966-01-27	1994-11-15	7 Houndstooth Rd.	London	[null]
5	8 Callahan	Miss Laura	Inside Sales Coordinator	Ms.	1958-01-09	1994-03-05	4726 - 11th Ave. N.E.	Seattle	WA

AGREGAR IVA AL PRECIO DE LOS PRODUCTOS DEL CATALOGO

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Query Editor Query History

```
1
2 UPDATE products SET unit_price = unit_price + (0.13 * unit_price)
3 select product_name, unit_price from products
4
```

Data Output Explain Messages Notifications

	product_name character varying (40)	unit_price real
1	Aniseed Syrup	11.3
2	Chef Anton's Cajun Seasoning	24.86
3	Chef Anton's Gumbo Mix	24.1255
4	Grandma's Boysenberry Spread	28.25
5	Uncle Bob's Organic Dried Pe...	33.9
6	Northwoods Cranberry Sauce	45.2
7	Mishi Kobe Niku	109.61
8	Ikura	35.03
9	Queso Cabrales	23.73
10	Queso Manchego La Pastora	42.94
11	Konbu	6.78
12	Tofu	26.2725
13	Genen Shouyu	14.69
14	Pavlova	19.7185
15	Alice Mutton	44.07
16	Carnarvon Tigers	70.625
17	Teatime Chocolate Biscuits	10.396

7:17 p. m.
14/7/2020

AGREGUE UN SOBREPRECIO DEL 25% A TODOS LOS CONDIMENTOS Y UN DESCUENTO DEL 10% A TODOS LOS GRANOS BASICOS (LA PARTE DEL DESCUENTO EN LA SIGUIENTE DIAPOSITIVA)

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Query EditorQuery History

1

--APLICANDO EL 25% DE SOBREPRECIO A LOS CONDIMENTOS

2

update products set unit_price = (unit_price * 0.25) + unit_price

3

where category_id = 2

4

select product_name, unit_price as sobre_Precio, pro.category_id, category_name from products as pro

5

join categories as cat on pro.category_id = cat.category_id where pro.category_id=2

6

7

8

--APLICANDO EL 10% DE DESCUENTO A LOS GRANOS BASICOS

9

update products set unit_price = unit_price - (unit_price * 0.10)

10

where category_id = 5

11

select product_name, unit_price as precio_Con_Descuento, pro.category_id, category_name from products as pro

12

join categories as cat on pro.category_id = cat.category_id where pro.category_id=5

13

Data OutputExplainMessagesNotifications

	product_name character varying (40)	sobre_precio real	category_id smallint	category_name character varying (15)
1	Aniseed Syrup	27.146484	2	Condiments
2	Chef Anton's Cajun Seasoning	59.72227	2	Condiments
3	Chef Anton's Gumbo Mix	57.957745	2	Condiments
4	Grandma's Boysenberry Spread	67.86621	2	Condiments
5	Northwoods Cranberry Sauce	108.58594	2	Condiments
6	Genen Shouyu	35.29043	2	Condiments
7	Gula Malacca	52.79991	2	Condiments

Successfully run. Total query runtime: 271 msec. 12 rows affected.

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12:35 p.m.15/7/2020

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Query EditorQuery History

1

--APLICANDO EL 25% DE SOBREPRECIO A LOS CONDIMENTOS

2

update products set unit_price = (unit_price * 0.25) + unit_price

3

where category_id = 2

4

select product_name, unit_price as sobre_Precio, pro.category_id, category_name from products as pro

5

join categories as cat on pro.category_id = cat.category_id where pro.category_id=2

6

7

8

--APLICANDO EL 10% DE DESCUENTO A LOS GRANOS BASICOS

9

update products set unit_price = unit_price - (unit_price * 0.10)

10

where category_id = 5

11

select product_name, unit_price as precio_Con_Descuento, pro.category_id, category_name from products as pro

12

join categories as cat on pro.category_id = cat.category_id where pro.category_id=5

13

Data Output

Explain

Messages

Notifications

	product_name character varying (40)	precio_con_descuento real	category_id smallint	category_name character varying (15)
1	Singaporean Hokkien Fried M...	16.01775	5	Grains/Cereals
2	Filo Mix	8.008875	5	Grains/Cereals
3	Gnocchi di nonna Alice	43.47675	5	Grains/Cereals
4	Ravioli Angelo	22.310438	5	Grains/Cereals
5	Wimmers gute Semmelknödel	38.042152	5	Grains/Cereals
6	Gustaf's Knäckebröd	24.026625	5	Grains/Cereals
7	Tunnbröd	10.297125	5	Grains/Cereals

12:36 p. m.

15/7/2020

ELABORE UNA CONSULTA QUE MUESTRRE EL MONTO DE TODAS LAS VENTAS Y QUE INCLUYA LA FECHA EN ORDEN
DES (CONTINUA EN SIGUIENTE DIAPO.)

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Query EditorQuery History

1

2

3

```
SELECT order_date, SUM(freight) as sumatoria from orders group by order_date order by order_date desc
select sum(freight) as total_ventas from orders
```

Data Output

Explain

Messages

Notifications

	order_date date	sumatoria real
1	1998-05-06	71.44
2	1998-05-05	420.52002
3	1998-05-04	105.4
4	1998-05-01	87.72
5	1998-04-30	136.65001
6	1998-04-29	121.07001
7	1998-04-28	400.21
8	1998-04-27	182.51001

Successfully run. Total query runtime: 223 msec. 411 rows affected.

Windows Taskbar

System Tray

12:57 p. m.
15/7/2020


```
1 SELECT order_date, SUM(freight) as sumatoria from orders group by order_date order by order_date desc
2 select sum(freight) as total_ventas from orders
3
```

	total_ventas	
	real	
1	56298.336	

MUESTRE TODOS LOS PRODUCTOS CUYA EXISTENCIA SEA MENOR QUE 10

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Query EditorQuery History

```
1 select * from products where units_in_stock < 10
2
```

Data OutputExplainMessagesNotifications

	product_id smallint	product_name character varying (40)	supplier_id smallint	category_id smallint	quantity_per_unit character varying (20)	unit_price real	units_in_stock smallint	units_on_order smallint	reorder_level smallint	discontinued integer
1	5	Chef Anton's Gumbo Mix	2		36 boxes	57.957745	0	0	0	1
2	8	Northwoods Cranberry Sauce	3		12 - 12 oz jars	108.58594	6	0	0	0
3	17	Alice Mutton	7		20 - 1 kg tins	55.0875	0	0	0	1
4	45	Rogede sild	21		1k pkg.	13.41875	5	70	15	0
5	53	Perth Pasties	24		48 pieces	46.329998	0	0	0	1
6	68	Scottish Longbreads	8		10 boxes x 8 pieces	17.65625	6	10	15	0
7	74	Longlife Tofu	4		5 kg pkg.	14.125	4	20	5	0
8	70	Outback Lager	7		24 - 355 ml bottles	21.1875	0	10	30	0

WindowsTaskbar

1:00 p. m.15/7/2020

MUESTRE TODOS LOS CLIENTES CUYO NOMBRE EMPIEZA CON P O H

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Browser

FTS ConfigurationsFTS DictionariesAa FTS ParsersFTS TemplatesForeign TablesFunctionsMaterialized ViewsProcedures1.3 SequencesTables (16)

cant_provcategoriescustomer_customercustomer_demogracustomersemployee_territorieemployeesIcant_emporder_detailsordersproducts

Columns (10)

product_idproduct_narsupplier_idcategory_idquantity_perunit_priceunits_in_stounits_on_orereorder_level

DashboardPropertiesSQLStatisticsDependenciesDependentsneptunito/postgres@PostgreSQL 12 *

neptunito/postgres@PostgreSQL 12

Query EditorQuery History

1select * from customers where contact_name like 'P%' or contact_name like 'H%'

Data OutputExplainMessagesNotifications

	customer_id character	company_name character varying (40)	contact_name character varying (30)	contact_title character varying (30)	address character varying (60)	city character varying (15)	region character varying (15)	postal_c character
1	BLAUS	Blauer See Delikatessen	Hanna Moos	Sales Representative	Forsterstr. 57	Mannheim	[null]	68306
2	CACTU	Cactus Comidas para llevar	Patricio Simpson	Sales Agent	Cerrito 333	Buenos Aires	[null]	1010
3	COMMI	Comércio Mineiro	Pedro Afonso	Sales Associate	Av. dos Lusíadas, 23	Sao Paulo	SP	05432
4	FRANK	Frankenversand	Peter Franken	Marketing Manager	Berliner Platz 43	München	[null]	80805
5	FRANS	Franchi S.p.A.	Paolo Accorti	Sales Representative	Via Monte Bianco 34	Torino	[null]	10100
6	GREAL	Great Lakes Food Market	Howard Snyder	Marketing Manager	2732 Baker Blvd.	Eugene	OR	97403
7	HUNGO	Hungry Owl All-Night Grocers	Patricia McKenna	Sales Associate	8 Johnstown Road	Cork	Co. Cork	[null]
8	ISLAT	Island Trading	Helen Bennett	Marketing Manager	Garden House Crowther Way	Cowes	Isle of Wight	PO31
9	KOENE	Königlich Essen	Philip Cramer	Sales Associate	Maubelstr. 90	Brandenburg	[null]	14776
10	OTTIK	Ottilies Käseladen	Henriette Pfalzheim	Owner	Mehrheimerstr. 369	Köln	[null]	50739
11	QUICK	QUICK-Stop	Horst Kloss	Accounting Manager	Taucherstraße 10	Cunewalde	[null]	01307
12	RATTC	Rattlesnake Canyon Grocery	Paula Wilson	Assistant Sales Representative	2817 Milton Dr.	Albuquerque	NM	87110
13	SEVES	Seven Seas Imports	Hari Kumar	Sales Manager	90 Wadhurst Rd.	London	[null]	OX15
14	SUPRD	Suprêmes délices	Pascale Cartrain	Accounting Manager	Boulevard Tirou, 255	Charleroi	[null]	B-6001
15	TRAIH	Trail's Head Gourmet Provisio...	Helvetius Nagy	Sales Associate	722 DaVinci Blvd.	Kirkland	WA	98034
16	VAFFE	Vaffeljernet	Palle Ibsen	Sales Manager	Smagsloget 45	Århus	[null]	8200

WindowsTaskbar

8:08 p. m.14/7/2020