



# Condicionales

## Funciones IF

	product_id	name	orders	frecuencia
▶	1	Tablet	3	Varias veces
	2	Audifonos	2	Varias veces
	3	Smartphone	4	Varias veces
	4	Mouse	2	Varias veces
	5	Tclado	2	Varias veces
	6	MousePad	2	Varias veces
	8	PC Gamer	1	una vez
	9	Laptop	1	una vez
	10	Smartwatch	1	una vez



```
select
  order_items.id_order,
  products.name,
  count(*) as "order",
  if(count(name) > 1, "Varias veces", "una vez") as "Frequency"
from order_items
join products on order_items.product_id = products.id
group by name
```

**Result Grid** | Filter Rows: | Export: | Wrap Cell Content: |

	id_order	name	order	Frequency
▶	2	Tablet	3	Varias veces
	5	Audifonos	2	Varias veces
	3	Smartphone	4	Varias veces
	1	Mouse	2	Varias veces
	6	Teclado	2	Varias veces
	2	MousePad	2	Varias veces
	8	PC Gamer	1	una vez
	10	Laptop	1	una vez
	4	Smartwatch	1	una vez

Result 4 x

Output

Action Output

#	Time	Action	Message
✓ 1	19:44:42	select order_items.id_order, products.name, count(*) as "order", if(count(name) > 1, "V...	9 row(s) returned

## Actividad 06

### REALIZAR LOS QUERYS QUE PERMITAN OBTENER LO SIGUIENTE

- AÑADIR UN CAMPO DE GENERACIÓN Y SE CATALOGUE A CADA CUSTOMER

customer_id	first_name	last_name	birth_date	points	Generation
1	Barbara	Lopez	1986-03-28	2273	Milenial
2	Ines	Gomez	1986-04-13	947	Milenial
3	Alfredo	Borges	1985-02-07	2967	Milenial
4	Amara	Limon	1974-04-14	457	GenY
5	Clemente	Hernández	1973-11-07	3675	GenY
6	María	García	1991-09-04	3073	Milenial
7	Valeria	Martínez	1964-08-30	1672	GenY
8	Sofia	Pérez	1993-07-17	205	Milenial
9	Renata	Rodríguez	1992-05-23	1486	Milenial
10	Victoria	Sánchez	1969-10-13	796	GenY

\*GenY = genX

Universidad Panari

```
SELECT `customers`.`id`,
       `customers`.`first_name`,
       `customers`.`last_name`,
       `customers`.`birth_date`,
       `customers`.`points`,
       case
         when EXTRACT(YEAR from birth_date) >= 1980 and EXTRACT(YEAR from birth_date) <=2000 then
           "Milenial"
```

```

    else "GenX"
  END as "Category"
FROM `store`.`customers`

```

	id	first_name	last_name	birth_date	points	Category
▶	1	Barbara	Lopez	1986-03-28	2273	Milenial
	2	Ines	Gomez	1986-04-13	947	Milenial
	3	Alfredo	Borges	1985-02-07	2967	Milenial
	4	Amara	Limon	1974-04-14	457	GenX
	5	Clemente	Hernández	1973-11-07	3675	GenX
	6	María	García	1991-09-04	3073	Milenial
	7	Valeria	Martínez	1964-08-30	1672	GenX
	8	Sofia	Pérez	1993-07-17	205	Milenial
	9	Renata	Rodríguez	1992-05-23	1486	Milenial
	10	Victoria	Sánchez	1969-10-13	796	GenX
	20	Sarita	Gomez	2000-12-31	100	Milenial

Result 6 ×

Output

Action Output

#	Time	Action	Message
✓ 1	19:57:16	SELECT `customers`.`id`, `customers`.`first_name`, `customers`.`last_name`, `custome...	11 row(s) returned

## REALIZAR LOS QUERY'S QUE PERMITAN OBTENER LO SIGUIENTE

- AÑADIR UN CAMPO DE CATEGORIA Y SE CATALOGUE A CADA CUSTOMER (BRONCE[<1000] , PLATA[1000-1999] Y ORO[>1999])

customer_id	first_name	last_name	birth_date	points	Category
1	Barbara	Lopez	1986-03-28	2273	oro
2	Ines	Gomez	1986-04-13	947	bronze
3	Alfredo	Borges	1985-02-07	2967	oro
4	Amara	Limon	1974-04-14	457	bronze
5	Clemente	Hernández	1973-11-07	3675	oro
6	María	García	1991-09-04	3073	oro
7	Valeria	Martínez	1964-08-30	1672	plata
8	Sofia	Pérez	1993-07-17	205	bronze
9	Renata	Rodríguez	1992-05-23	1486	plata
10	Victoria	Sánchez	1969-10-13	796	bronze

Universidad Panamericana

```

SELECT `customers`.`id`,
       `customers`.`first_name`,

```

```

`customers`.`last_name`,
`customers`.`birth_date`,
`customers`.`points`,
case
when customers.points > 1999 then "oro"
when customers.points < 1000 then "bronce"
else "plata"
END as "Category"
FROM `store`.`customers`

```

	id	first_name	last_name	birth_date	points	Category
▶	1	Barbara	Lopez	1986-03-28	2273	oro
	2	Ines	Gomez	1986-04-13	947	bronce
	3	Alfredo	Borges	1985-02-07	2967	oro
	4	Amara	Limon	1974-04-14	457	bronce
	5	Clemente	Hernández	1973-11-07	3675	oro
	6	María	García	1991-09-04	3073	oro
	7	Valeria	Martínez	1964-08-30	1672	plata
	8	Sofia	Pérez	1993-07-17	205	bronce
	9	Renata	Rodríguez	1992-05-23	1486	plata
	10	Victoria	Sánchez	1969-10-13	796	bronce
	20	Sarita	Gomez	2000-12-31	100	bronce

Result 9 x

Output

Action Output

#	Time	Action	Message
✓ 1	20:03:09	SELECT `customers`.`id`, `customers`.`first_name`, `customers`.`last_name`, `custome...	11 row(s) returned

```

select
  clients.client_id,
  clients.name,
  ROUND(sum(invoice_total),2) as total
from invoices
join clients on invoices.client_id = clients.client_id
group by invoices.client_id;

```

	client_id	name	total
▶	2	Carlos Muñoz	101.79
	5	Carlos Name	980.02
	3	Luis Slobotzky	705.90
	1	Alfredo Adame	802.89

Result 12 x

Output

📄 Action Output ▾

	#	Time	Action	Message
✓	1	20:07:16	select clients.client_id, clients.name, ROUND(sum(invoice_total),2) as total from invoic...	4 row(s) returned