

Ej 1:

```

Select *
From customer c
Left join payment p on p.customer_id = c.customer_id
Where c.customer_id = [id] and extract(year from p.payment_date) = [last year]
Group by c.customer_id by extract(year from p.payment_date)

```

```

Select extract(year from p.payment_date) *
From payment p
Group by extract(year from p.payment_date)
Order by extract(year from p.payment_date)
Limit 1

```

CREATE OR REPLACE FUNCTION fn_gasto_clienteUlt(cliente_id)

Returns numeric as \$\$

Declare

total numeric;

last_year numeric;

Begin

```

select extract(year from p.payment_date) into last_year
from payment p
group by extract(year from p.payment_date)
order by extract(year from p.payment_date) desc
limit 1;

```

```

select sum(p.amount) into total
from customer c
left join payment p on p.customer_id = c.customer_id
where c.customer_id = cliente_id and * = last_year
group by c.customer_id, extract(year from p.payment_date)

```

return total;

END

\$\$ LANGUAGE

select fn_gasto_clienteUlt(1);