

## PASO 1

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
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Hora de Última Conexión Correcta: Lun May 06 2024 16:53:06 +02:00

Conectado a:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL>
```

## PASO 2

```
Edit Selection View Go Run Terminal Help
tarea9tema7.sql x Results: tarea9tema7.sql x
home > oracle > Downloads > teoria > tarea9tema7.sql > TYPE BODY tObjVenta

1 CREATE OR REPLACE TYPE tObjVenta IS OBJECT (
2     CodVenta          NUMBER,
3     CodCl             REF tObjCliente,
4     Productos         tbLineaVenta,
5     Fecha             DATE,
6     MEMBER FUNCTION totalVenta RETURN NUMBER,
7     PRAGMA RESTRICT_REFERENCES(totalVenta, RNPS,WNDS,WNPS)
8 );
9 /
10
11 CREATE TYPE BODY tObjVenta AS
12     MEMBER FUNCTION totalVenta RETURN NUMBER IS
13     prod tObjProducto;
14     lv tObjLineaVenta;
15     cont INTEGER;
16     total NUMBER:=0;
17 BEGIN
18     FOR i IN 1..SELF.Productos.COUNT LOOP
19         lv:=SELF.Productos(i);
20         SELECT Deref(lv.CodProd) INTO prod FROM DUAL;
21         total:=total+lv.cantidad*prod.precio;
22     END LOOP;
23     RETURN TOTAL;
24 END;
25 END;
26 /
```

Results: tarea9tema7.sql - Visual Studio Code

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tarea9tema7.sql

Results: tarea9tema7.sql

SQL> CREATE OR REPLACE TYPE tObjVenta IS OBJECT (  
2 CodVenta NUMBER,  
3 CodCl REF tObjCliente,  
4 Productos tbLineaVenta,  
5 Fecha DATE,  
6 MEMBER FUNCTION totalVenta RETURN NUMBER,  
7 PRAGMA RESTRICT\_REFERENCES(totalVenta, RNPS,WNDS,WNPS)  
8 );  
9 /  
  
TYPE created.  
  
Commit complete.  
  
SQL> CREATE TYPE BODY tObjVenta AS  
2 MEMBER FUNCTION totalVenta RETURN NUMBER IS  
3 prod tObjProducto;  
4 lv tObjLineaVenta;  
5 cont INTEGER;  
6 total NUMBER:=0;  
7 BEGIN  
8 FOR i IN 1..SELF.Productos.COUNT LOOP  
9 lv:=SELF.Productos(i);  
10 SELECT Deref(lv.CodProd) INTO prod FROM DUAL;  
11 total:=total+lv.cantidad\*prod.precio;  
12 END LOOP;  
13 RETURN total;  
14 END;  
15 END;  
16 /  
  
TYPE BODY created.  
  
Commit complete.

PASO 3

SQL> desc tObjVenta

Nombre	Null?	Tipo
CODVENTA		NUMBER
CODCL		REF OF TOBJCLIENTE
PRODUCTOS		TBLINEAVENTA
FECHA		DATE

METHOD  
-----  
MEMBER FUNCTION TOTALVENTA RETURNS NUMBER

SQL>