```
set serveroutput on;
drop table cubos;
drop type tipo_cubo;



create or replace type tipo_cubo as object(
largo integer,
ancho integer,
alto integer,
MEMBER FUNCTION superficie RETURN integer,
MEMBER FUNCTION volumen RETURN integer,
MEMBER PROCEDURE mostrar);
/
create or  replace  type body tipo_cubo as
MEMBER FUNCTION superficie RETURN INTEGER IS
BEGIN
RETURN 2*(largo*ancho+largo*alto+ancho*alto);
END;
MEMBER FUNCTION volumen RETURN INTEGER IS
BEGIN
RETURN largo*ancho*alto;
END;
MEMBER PROCEDURE mostrar  IS
BEGIN
 DBMS_OUTPUT.PUT_LINE('Largo: '||largo || ' Ancho: '  ||ancho || ' Alto: ' || alto);
 DBMS_OUTPUT.PUT_LINE('Volumen: '|| volumen || ' Superficie: ' || superficie);
END;
END;
/
```

create table cubos of tipo_cubo;

insert into cubos values (tipo_cubo(10,10,10));

insert into cubos values (tipo_cubo(3,4,5));

insert into cubos values (3,4,7);

```
Table dropped.

Type dropped.

Type created.

Type body created

Table created.

1 row created.

1 row created.

1 row created.
```

select * from cubos;

```
     LARGO      ANCHO       ALTO
---------- ---------- ----------
        10         10         10
         3          4          5
         3          4          7
```

select c.volumen(),c.superficie() from cubos c where c.largo =10;

```
C.VOLUMEN() C.SUPERFICIE()
----------- --------------
       1000            600
```

DECLARE

mi_cubo tipo_cubo;

BEGIN

```
select VALUE(C) into mi_cubo from cubos c where c.largo=10;
mi_cubo.mostrar();
END;
/
```

```
Largo: 10 Ancho: 10 Alto: 10
Volumen: 1000 Superficie: 600
```