1)

DECLARE

v\_costumer costumer%rowtype ;

BEGIN

SELECT \* into v\_customer

FROM costumer

dbma\_output.put\_line(v\_costumer.Customer\_id|| ‘ ’||v.customer.customer\_Name||’ ‘||v.customer.customer\_Tel) ;

END ;

/

2)

CREATE OR REPLACE PROCEDURE PS\_Customer\_Prodcuts (v\_cost\_id customer.Customer\_id%type) IS

CURSOR cur IS SELECT customer\_Name FROM Customer WHERE

Customer\_id= v\_cost\_id ;

BEGIN

FOR rec IN cur LOOP

dbms\_output.put\_line(rec.first\_name||’’||rec.salary) ;

END LOOP ;

EXEPTION

WHEN NO\_DATA\_FOUND THEN

dbms\_output.put\_line(‘No products returned or customer not found ‘)

END ;

/

3)

CREATE OR REPLACE FUNCTION FN\_Customer\_Orders (v\_costumer\_id Customer.Customer\_id%type) RETURN number IS nb\_orders

BEGIN

SELECT count(\*) into nb\_orders FROM Customer WHERE

Customer\_id=v\_Customer\_id ;

RETURN nb\_orders ;

END ;

/

4)

BEFORE UPDATE ON Orders FOR EACH ROW

BEGIN

IF( :new.OrderDate>=SYSDATE) THEN

RAISE\_APPLICATION\_ERROR (-20567 ,

‘Order Date must be greater than or equal to today's date’) ;

END IF ;

END ;

/