**Create a trigger before insert on any entity which will show the current number of rows in the table**

CREATE OR REPLACE FUNCTION count\_row\_f(table\_name IN VARCHAR2)

RETURN NUMBER

IS

count\_row NUMBER;

BEGIN

EXECUTE IMMEDIATE 'SELECT COUNT(\*) FROM ' || table\_name INTO count\_row;

RETURN count\_row;

END count\_row\_f;

CREATE OR REPLACE TRIGGER count\_row\_tr

BEFORE INSERT ON users

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('users'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr2

BEFORE INSERT ON address

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('address'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr3

BEFORE INSERT ON card

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('card'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr4

BEFORE INSERT ON seller

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('seller'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr5

BEFORE INSERT ON buyer

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('buyer'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr6

BEFORE INSERT ON shopping\_cart

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('shopping\_cart'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr7

BEFORE INSERT ON transaction

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('transaction'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr8

BEFORE INSERT ON courier

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('courier'));

END;

CREATE OR REPLACE TRIGGER count\_row\_tr9

BEFORE INSERT ON product

FOR EACH ROW

BEGIN

DBMS\_OUTPUT.PUT\_LINE('The current number of rows in the table (not including the row you are adding): ' || count\_row\_f('product'));

END;







