**Day 10 Assignment**

Write a function to Calculate the total stock value for a given category:

(Stock value=ROUND(SUM(unit\_price \* units\_in\_stock)::DECIMAL, 2)

Return data type is DECIMAL(10,2)

CREATE OR REPLACE FUNCTION get\_category\_stock\_value(p\_category\_id INT)

RETURNS DECIMAL(10,2)

LANGUAGE plpgsql

AS $$

DECLARE

v\_total\_value DECIMAL(10,2);

BEGIN

SELECT ROUND(SUM(unit\_price \* units\_in\_stock)::DECIMAL, 2)

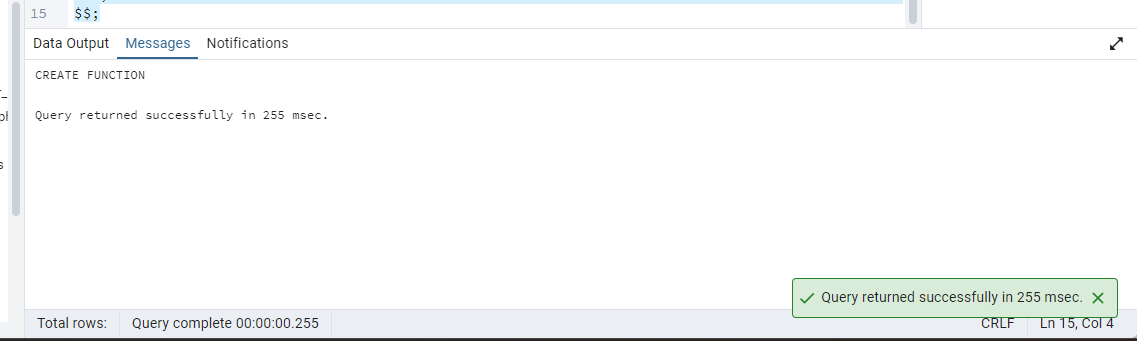
INTO v\_total\_value

FROM products

WHERE category\_id = p\_category\_id;

RETURN COALESCE(v\_total\_value, 0.00);

END;



SELECT get\_category\_stock\_value(1);

