Blake Bryant

Professor Ron Little

CS275 PL/SQL

May 25, 2020

CS275 Direct Assignment 13

**Scripts:**

CREATE OR REPLACE FUNCTION GET\_PRODUCT\_PRICE

(PRODUCT\_ID\_ARG IN NUMBER)

RETURN NUMBER

IS

PRODUCT\_PRICE\_VAL NUMBER;

BEGIN

-- SELECT DATA FROM DB

SELECT PRODUCT.PRODUCT\_PRICE

INTO PRODUCT\_PRICE\_VAL

FROM PRODUCT

WHERE PRODUCT.PRODUCT\_ID = PRODUCT\_ID\_ARG;

-- RETURN DATA

RETURN PRODUCT\_PRICE\_VAL;

END GET\_PRODUCT\_PRICE;

CREATE OR REPLACE PROCEDURE CALCULATE\_PRODUCT\_DISCOUNT

(PRODUCT\_ID\_ARG IN NUMBER,

PRODUCT\_DISCOUNT\_ARG IN NUMBER)

IS

PRODUCT\_PRICE NUMBER;

DISCOUNTED\_PRICE NUMBER;

BEGIN

-- GET PRODUCT PRICE

PRODUCT\_PRICE := GET\_PRODUCT\_PRICE(PRODUCT\_ID\_ARG);

-- CALCULATE PRODUCT DISCOUNT

DISCOUNTED\_PRICE := PRODUCT\_PRICE - (PRODUCT\_PRICE \* (PRODUCT\_DISCOUNT\_ARG/100));

-- PRINT PRICES

DBMS\_OUTPUT.PUT\_LINE('Original price of product, with Id of ' || PRODUCT\_ID\_ARG || ', is $' || PRODUCT\_PRICE || '.');

DBMS\_OUTPUT.PUT\_LINE('Discounted price is $' || DISCOUNTED\_PRICE);

END;

set feedback on;

set serveroutput on;

DECLARE

BEGIN

CALCULATE\_PRODUCT\_DISCOUNT(2,50);

END;

**Screenshots:**



