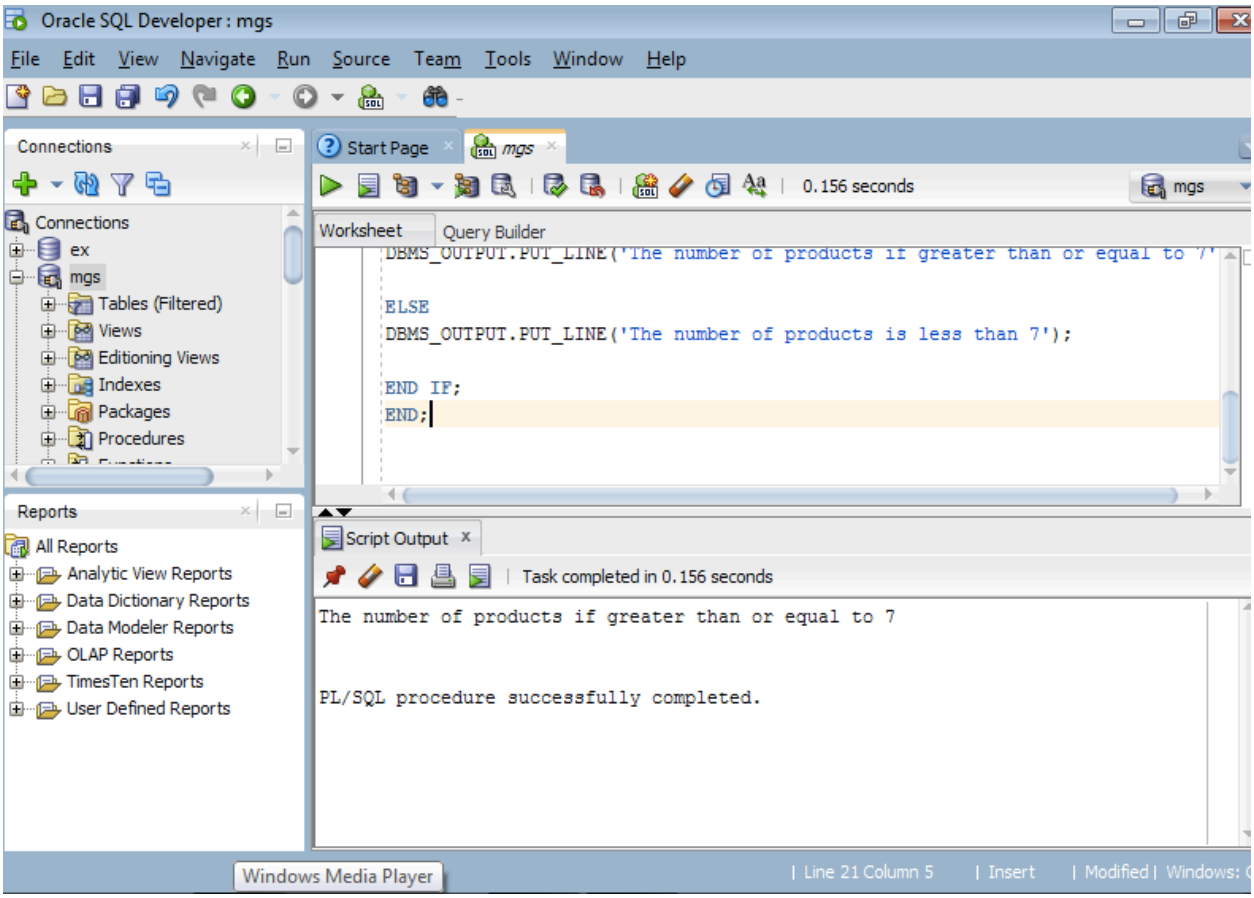
Domas Budrys – Assignment 6

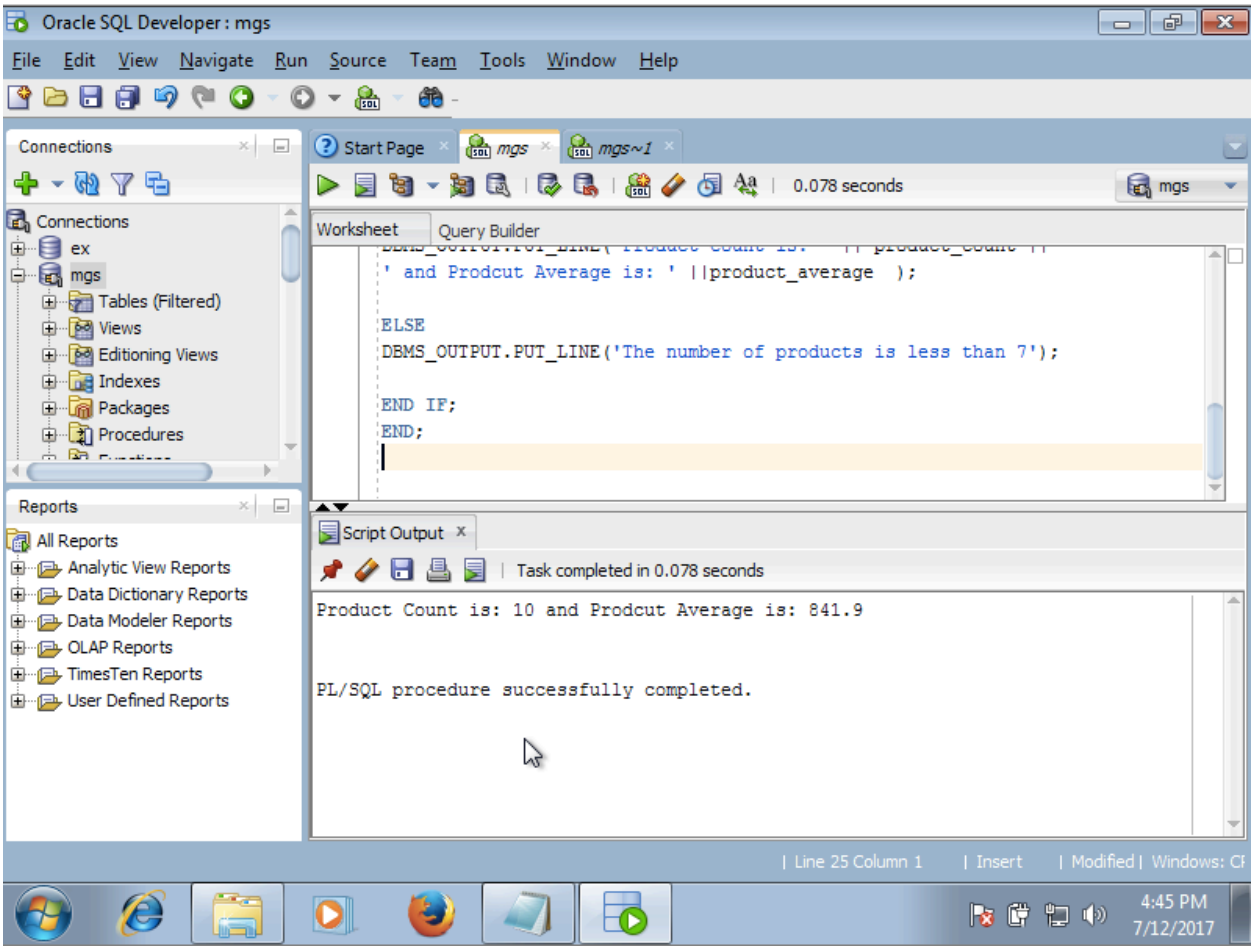
1.

```
SET SERVEROUTPUT ON
DECLARE
product_count   NUMBER;

BEGIN
SELECT COUNT(*)
INTO product_count
FROM PRODUCTS ;

IF product_count >= 7 THEN
DBMS_OUTPUT.PUT_LINE('The number of products if greater than or equal to 7');
ELSE
DBMS_OUTPUT.PUT_LINE('The number of products is less than 7');
END IF;
END;
```



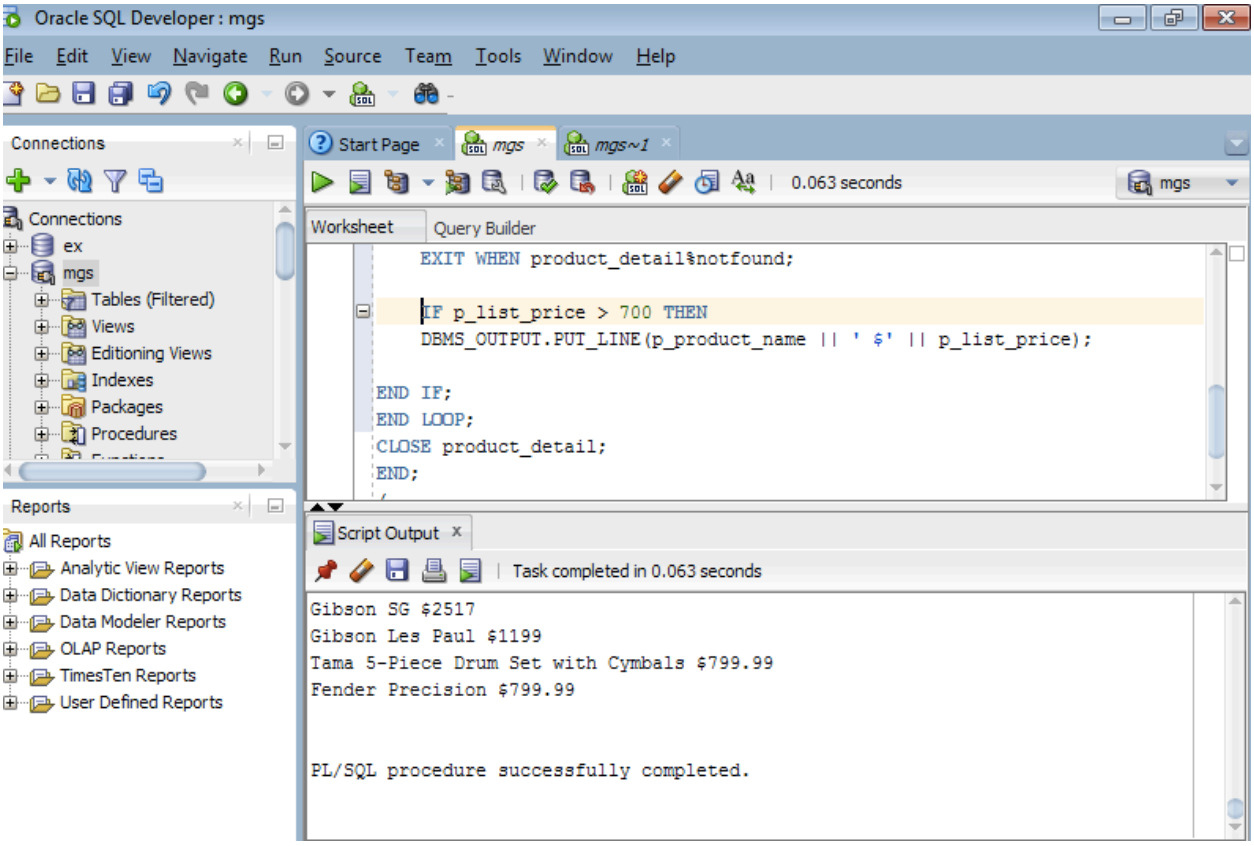
2.

```
SET SERVEROUTPUT ON
DECLARE
product_count   NUMBER;
product_average NUMBER(9,2);

BEGIN
SELECT COUNT(PRODUCT_ID), AVG(LIST_PRICE)
INTO product_count, product_average
FROM PRODUCTS ;

IF product_count >= 7 THEN
DBMS_OUTPUT.PUT_LINE('Product Count is: ' || product_count ||
' and Prodcut Average is: ' ||product_average  );
ELSE
DBMS_OUTPUT.PUT_LINE('The number of products is less than 7');
END IF;
END;
```



3.

```
SET SERVEROUTPUT ON

DECLARE
p_product_name   VARCHAR2(255);
p_list_price NUMBER(9,2);
CURSOR product_detail IS
SELECT product_name, list_price FROM PRODUCTS
ORDER BY LIST_PRICE DESC;

BEGIN

OPEN product_detail;
LOOP
FETCH product_detail INTO p_product_name, p_list_price;
   EXIT WHEN product_detail%notfound;

   IF p_list_price > 700 THEN
   DBMS_OUTPUT.PUT_LINE(p_product_name || ' $' || p_list_price);

END IF;
END LOOP;
CLOSE product_detail;
END;
```


Oracle SQL Developer : mgs
File Edit View Navigate Run Source Team Tools Window Help
Connections
Connections
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mgs
Tables (Filtered)
Views
Editioning Views
Indexes
Packages
Procedures
Reports
All Reports
Analytic View Reports
Data Dictionary Reports
Data Modeler Reports
OLAP Reports
TimesTen Reports
User Defined Reports
Start Page
mgs
mgs~1
0.063 seconds
mgs
Worksheet
Query Builder
EXIT WHEN product_detail%notfound;
IF p_list_price > 700 THEN
DBMS_OUTPUT.PUT_LINE(p_product_name || ' $' || p_list_price);
END IF;
END LOOP;
CLOSE product_detail;
END;
Script Output
Task completed in 0.063 seconds
Gibson SG $2517
Gibson Les Paul $1199
Tama 5-Piece Drum Set with Cymbals $799.99
Fender Precision $799.99
PL/SQL procedure successfully completed.

4.

```
SET SERVEROUTPUT ON;

BEGIN
INSERT INTO CATEGORIES (CATEGORY_ID, CATEGORY_NAME)
VALUES(8, 'Guitars');

   DBMS_OUTPUT.PUT_LINE('1 row was inserted.');

EXCEPTION
WHEN DUP_VAL_ON_INDEX THEN
   DBMS_OUTPUT.PUT_LINE('Row was not inserted - duplicate entry.');

END;
```