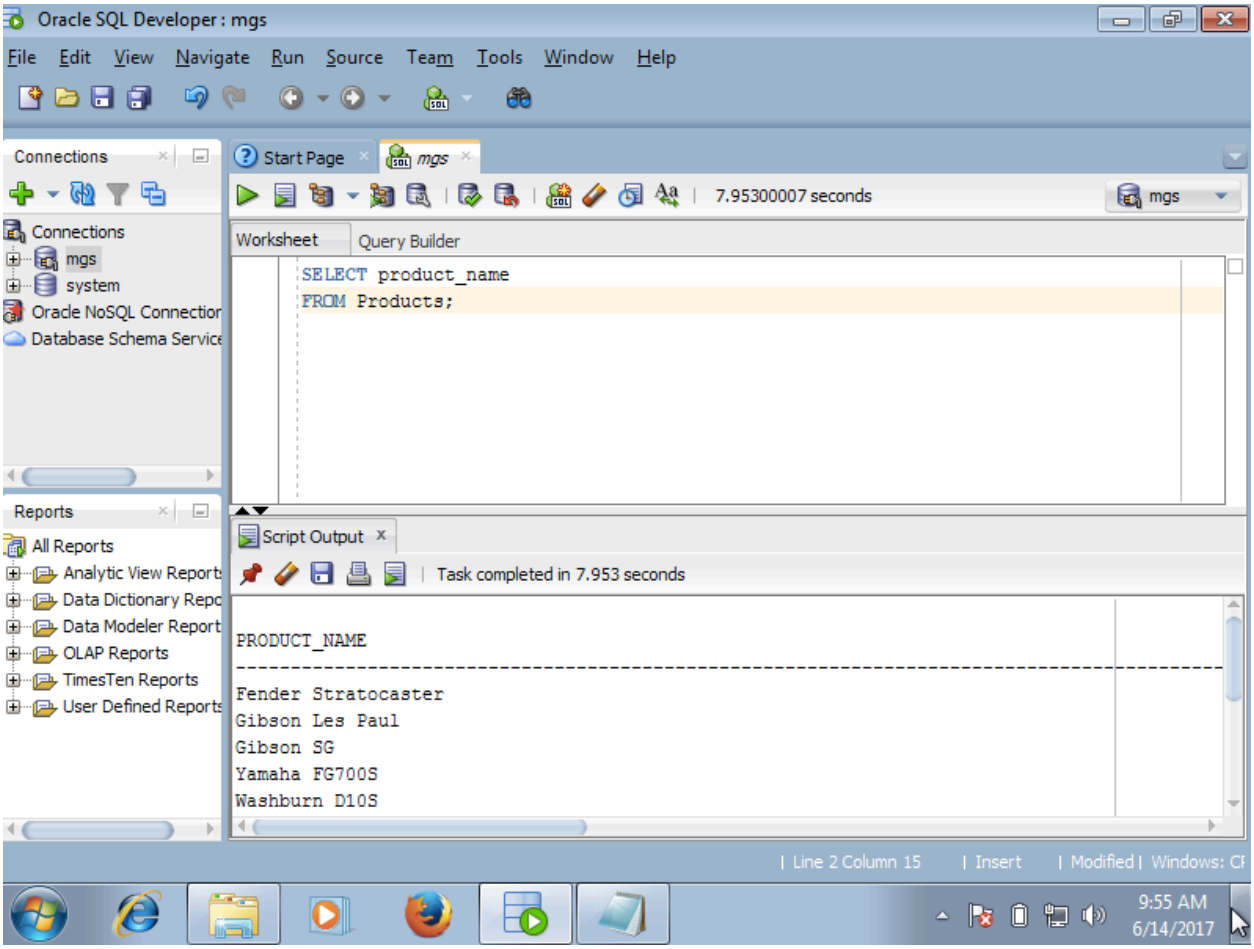
Domas Budrys CSCI-4430
Assignment 1

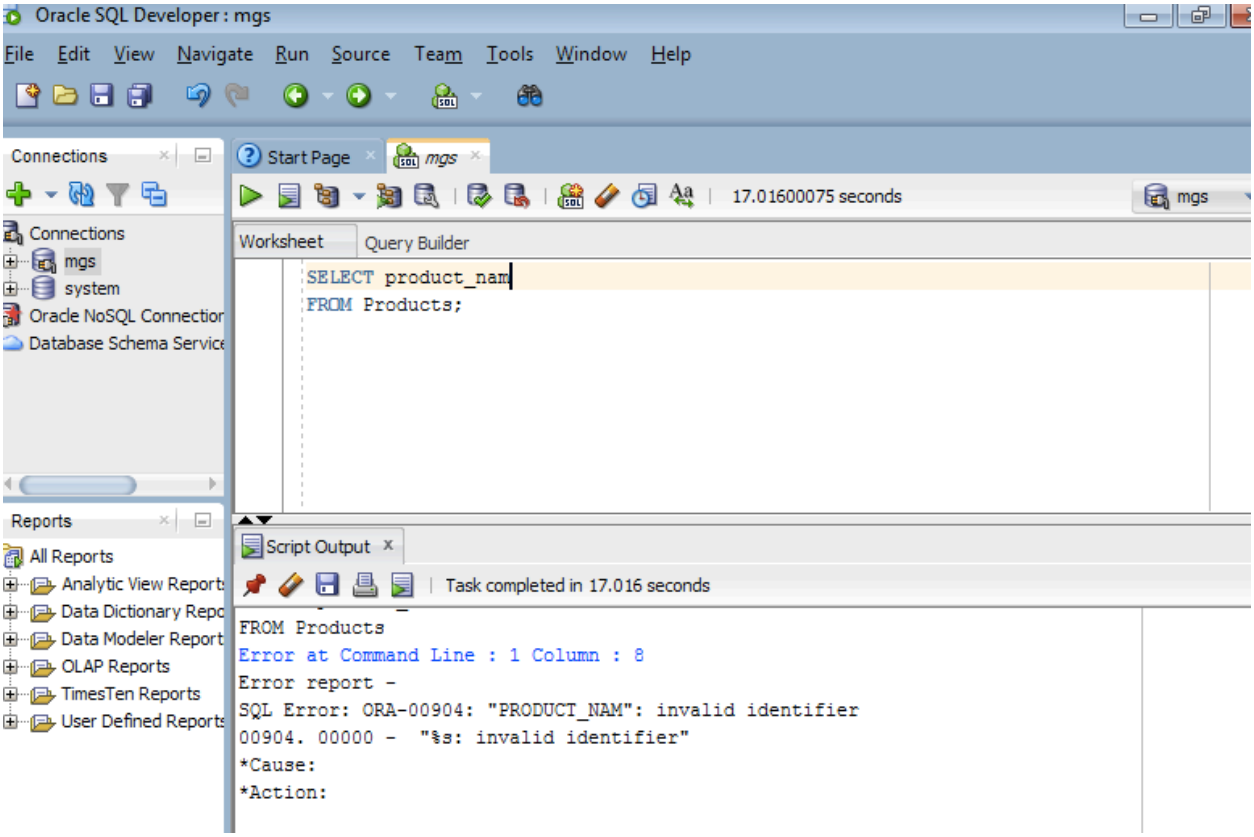
Chapter 2:

11.



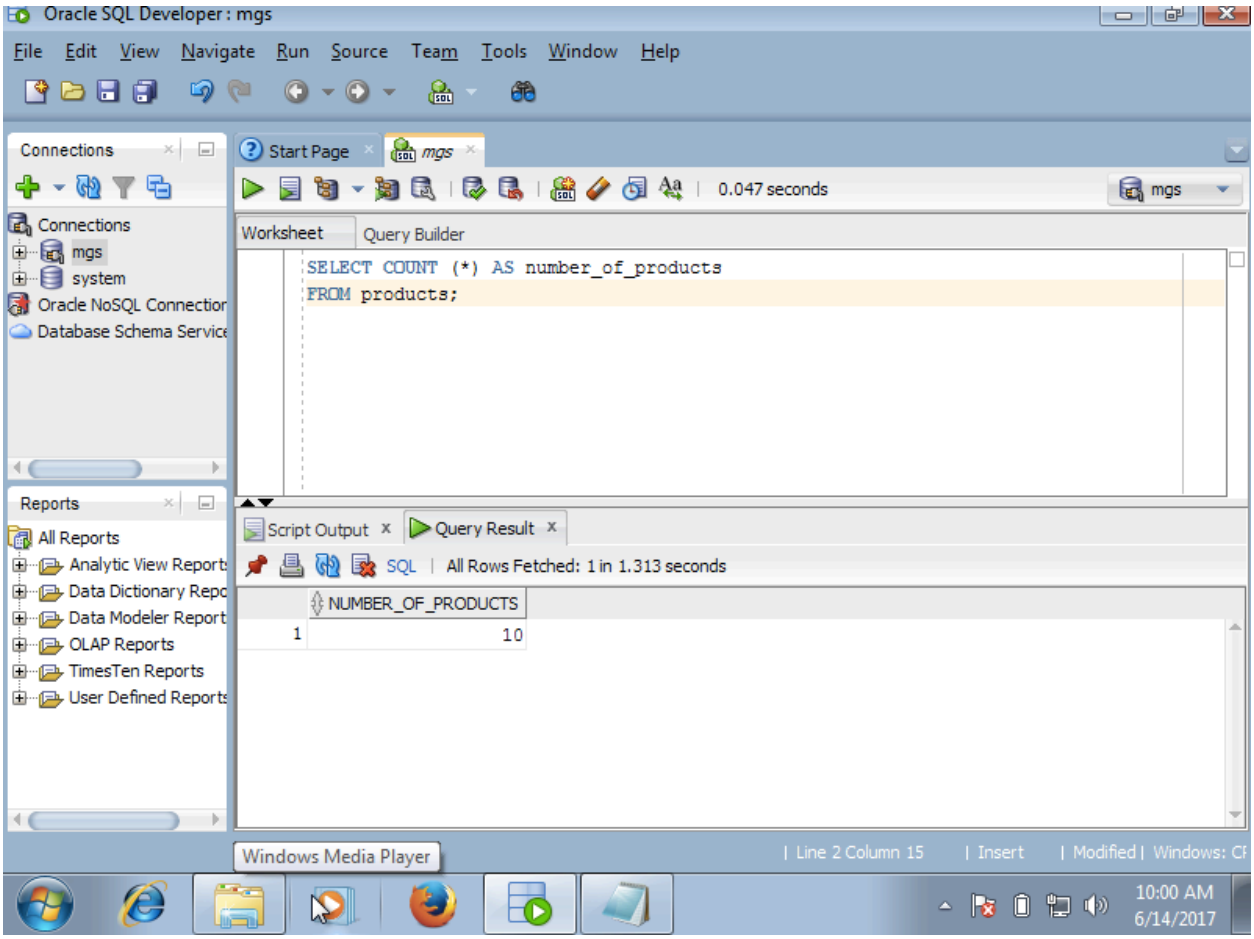
SELECT product_name
FROM Products;

12.



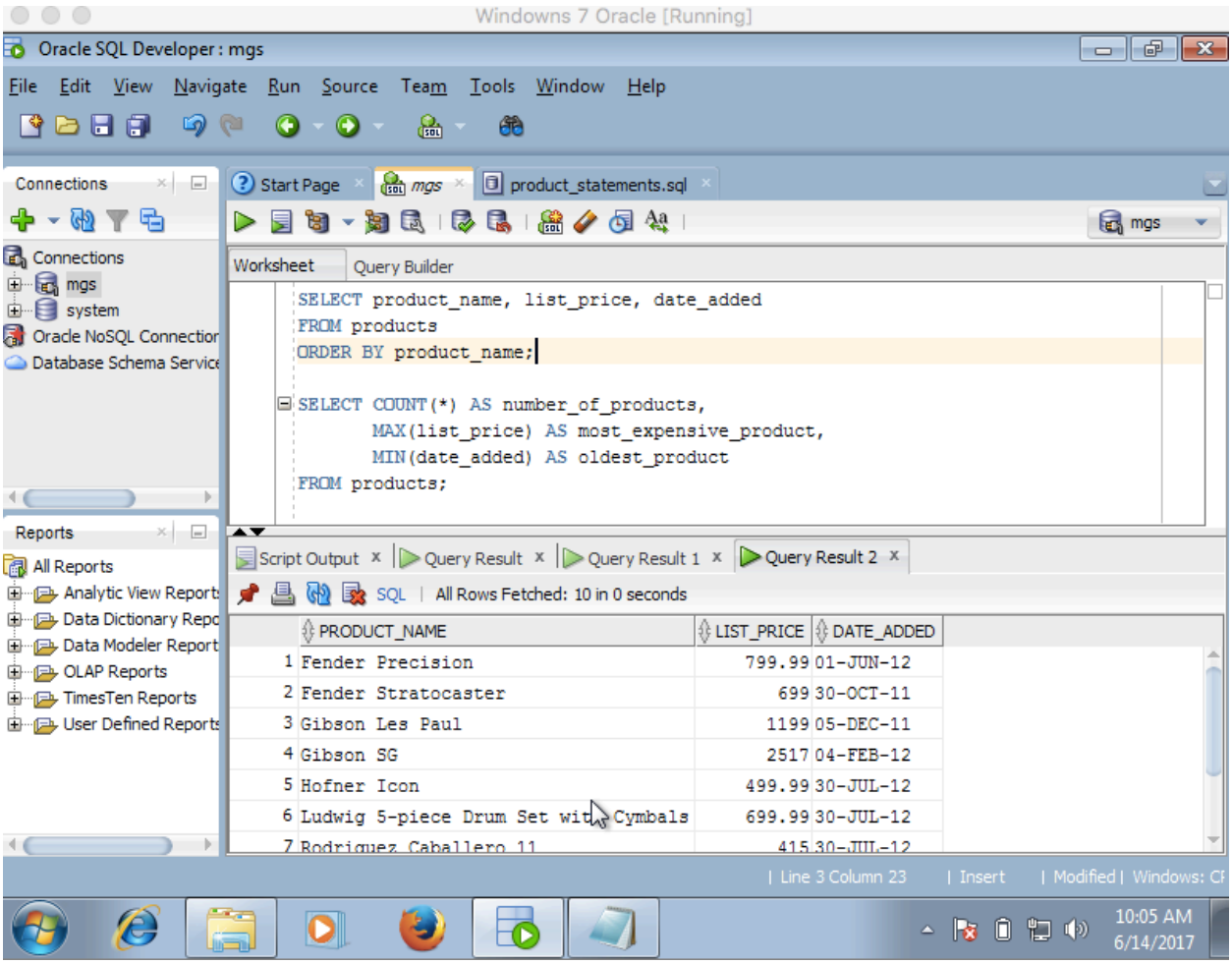
SELECT product_nam
FROM Products;

13.



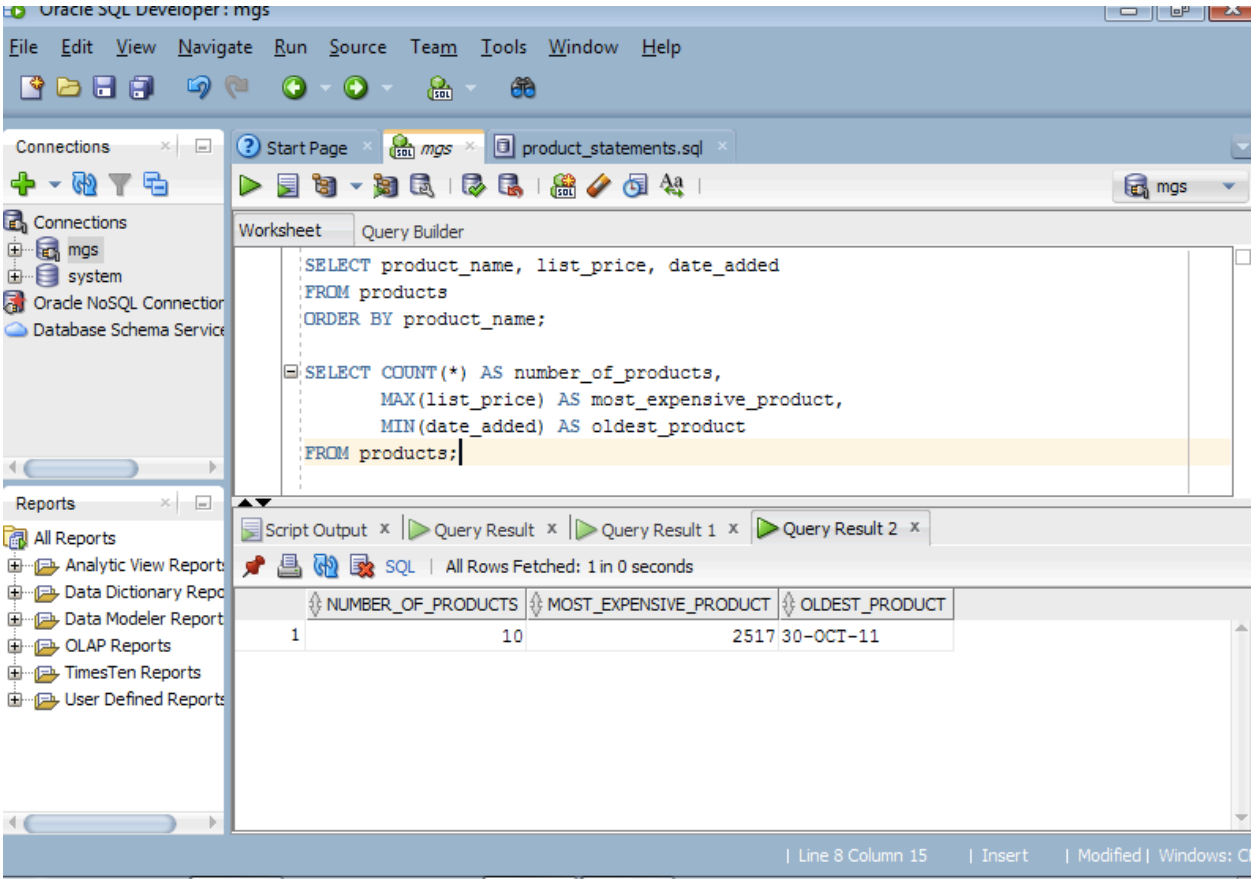
SELECT COUNT (*) AS number_of_products
FROM products;

18.




```
SELECT product_name, list_price, date_added
FROM products
ORDER BY product_name;
```

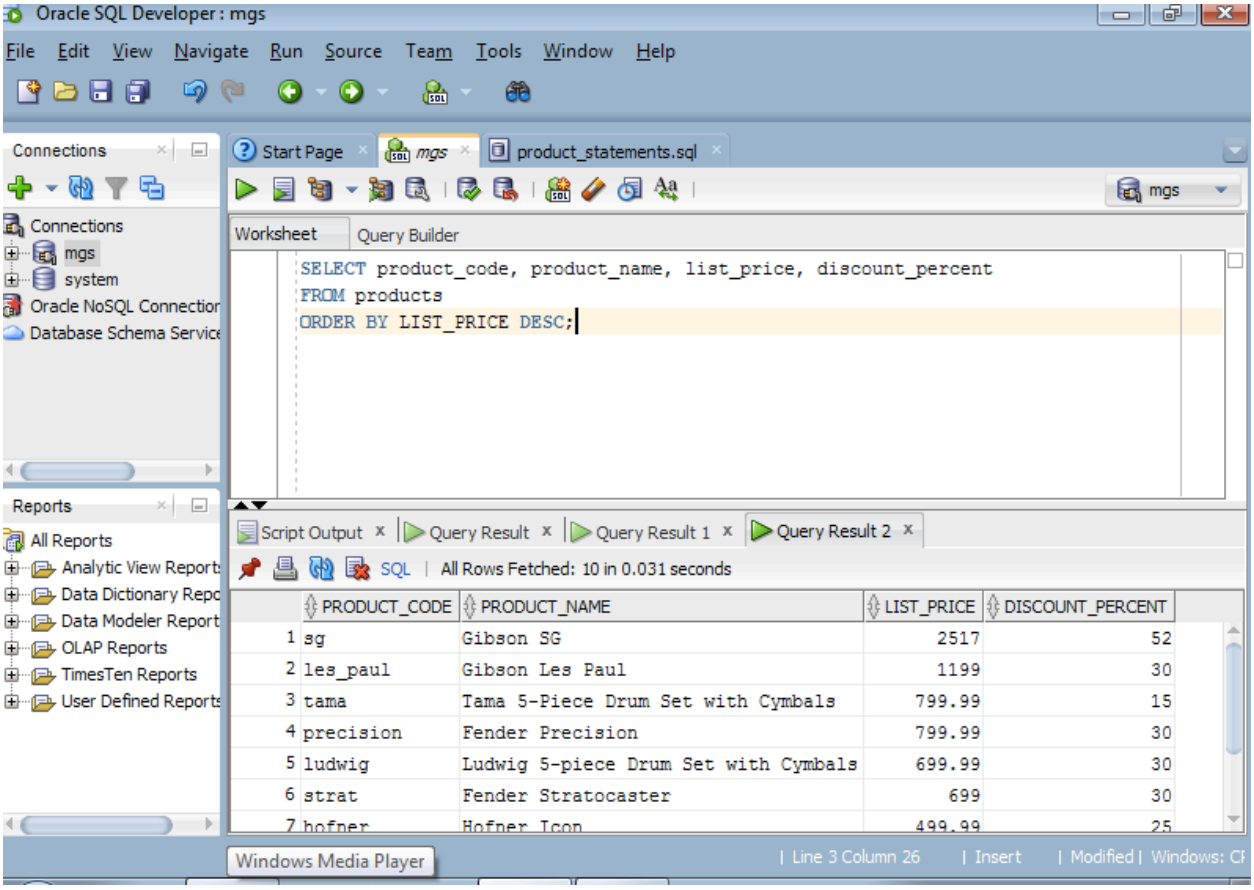
19.




```
SELECT COUNT(*) AS number_of_products,
    MAX(list_price) AS most_expensive_product,
    MIN(date_added) AS oldest_product
FROM products;
```

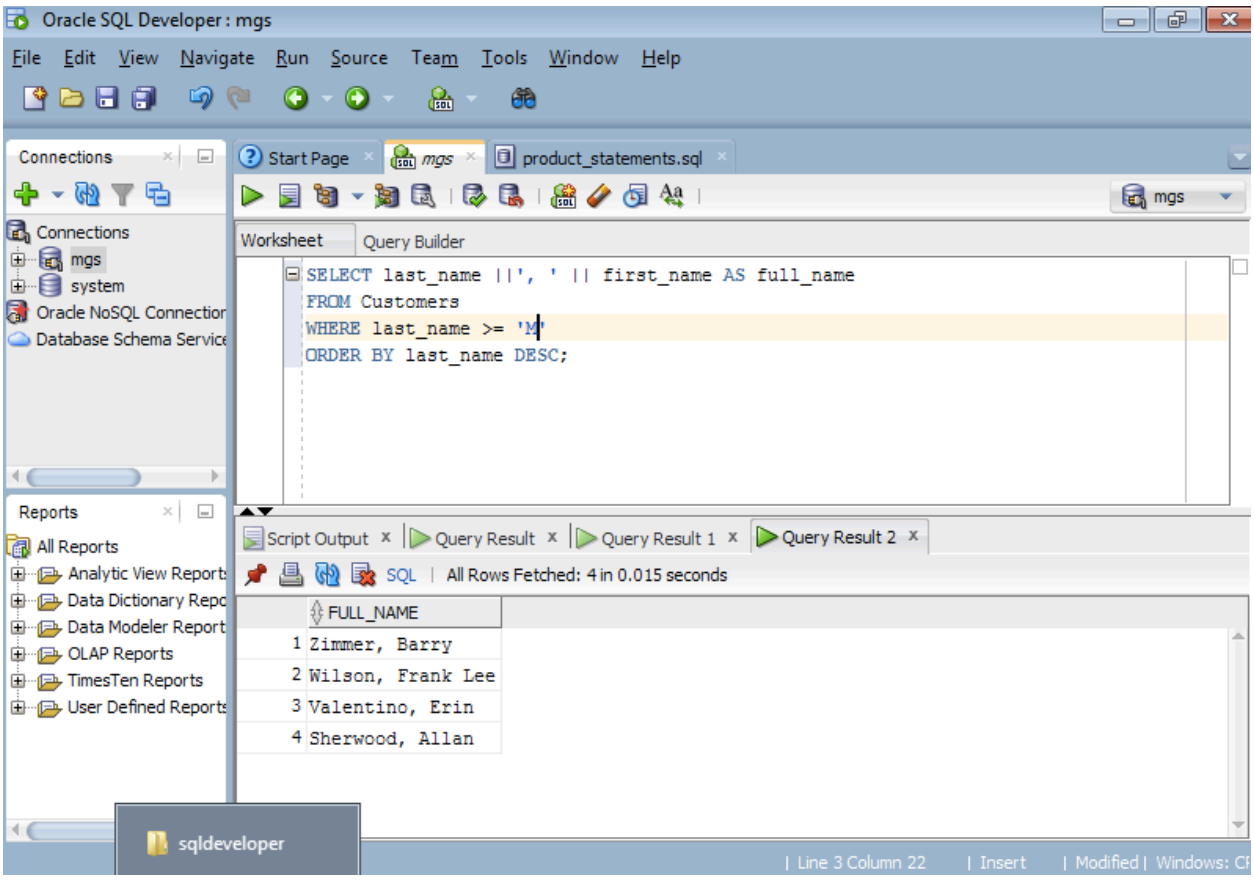
Chapter 3:

1.



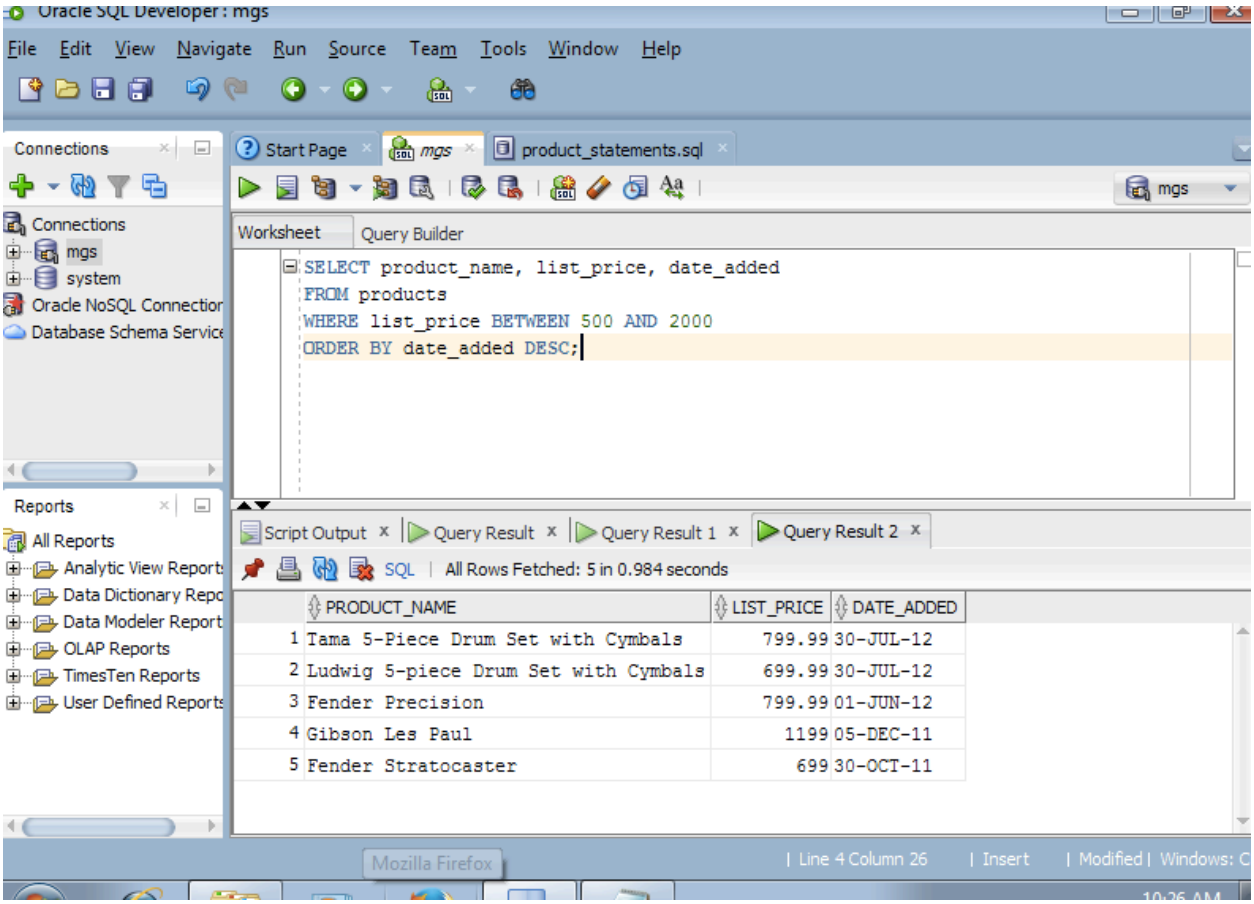
SELECT product_code, product_name, list_price, discount_percent
FROM products
ORDER BY LIST_PRICE DESC;

2.



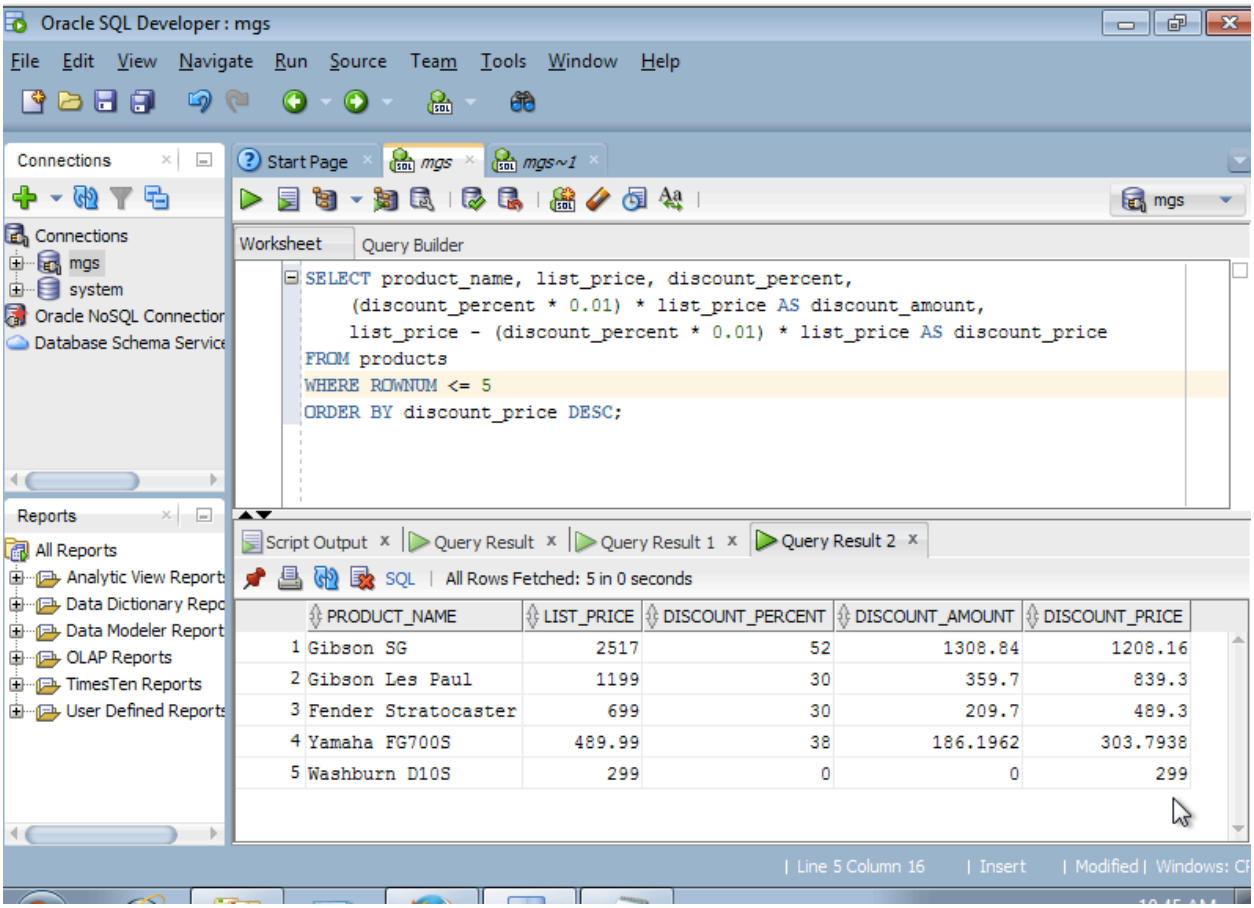
SELECT last_name ||', ' || first_name AS full_name
FROM Customers
WHERE last_name >= 'M'

3.



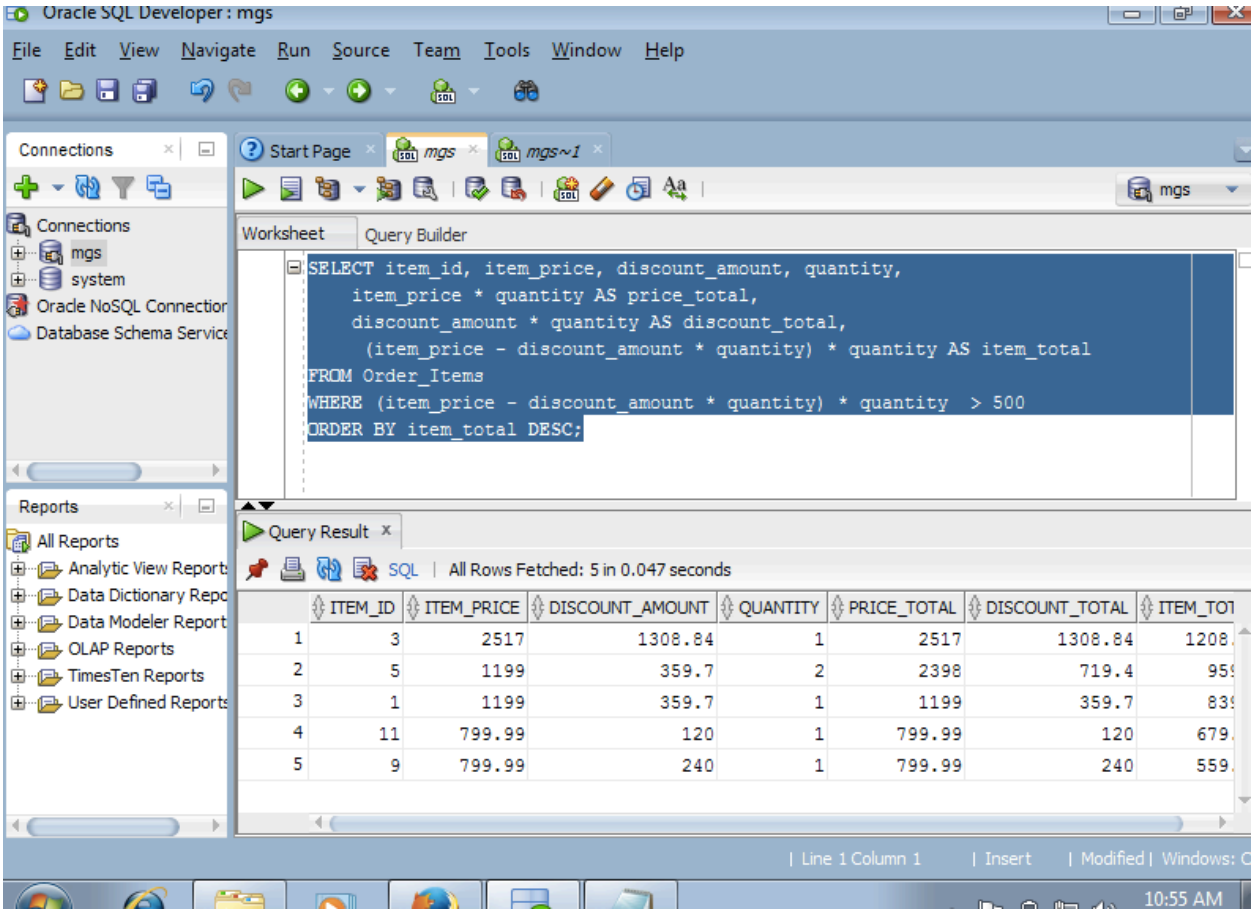

```
SELECT product_name, list_price, date_added
FROM products
WHERE list_price BETWEEN 500 AND 2000
ORDER BY date_added DESC;
```

4.



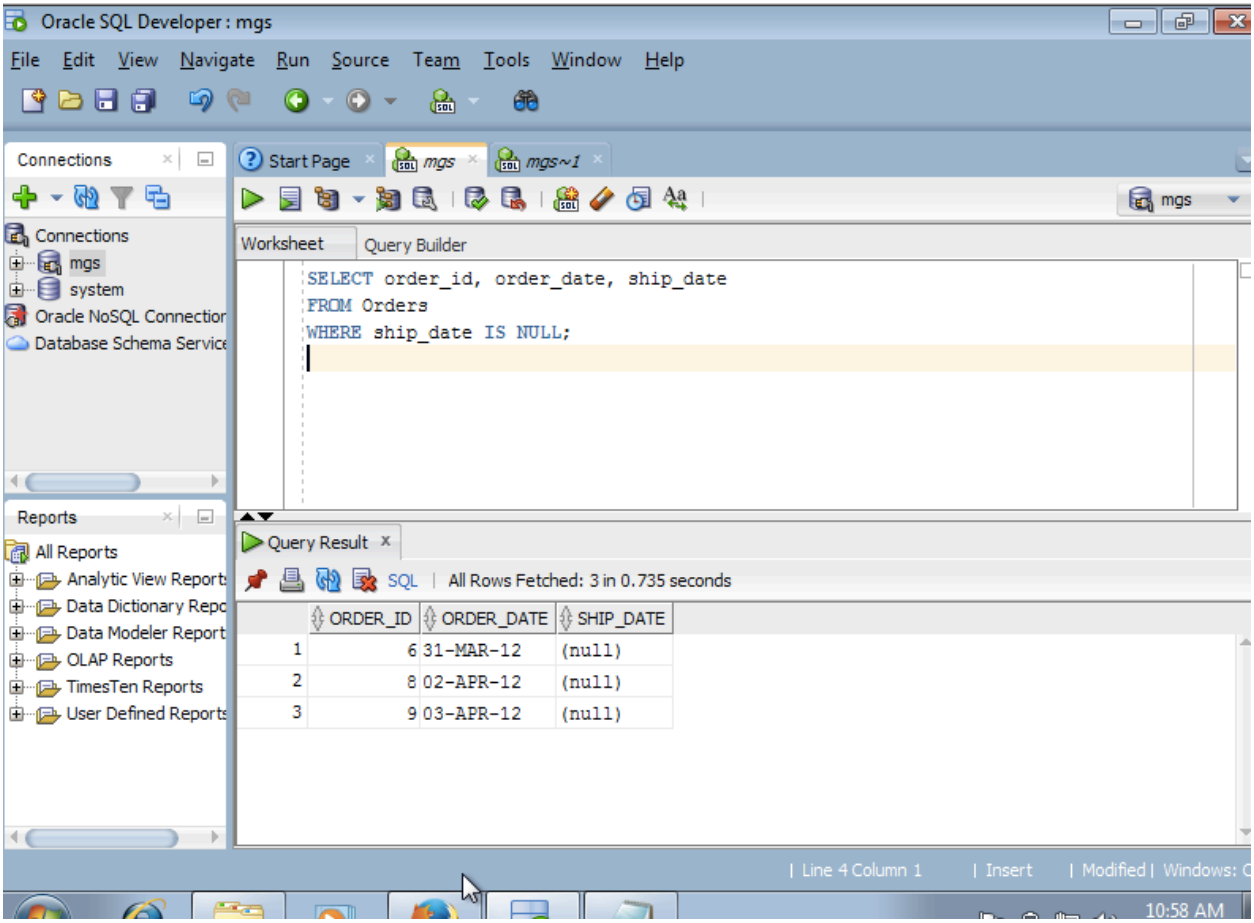

```
SELECT product_name, list_price, discount_percent,
   (discount_percent * 0.01) * list_price AS discount_amount,
   list_price - (discount_percent * 0.01) * list_price AS discount_price
FROM products
WHERE ROWNUM <= 5
ORDER BY discount_price DESC;
ORDER BY last_name DESC;
```

5.



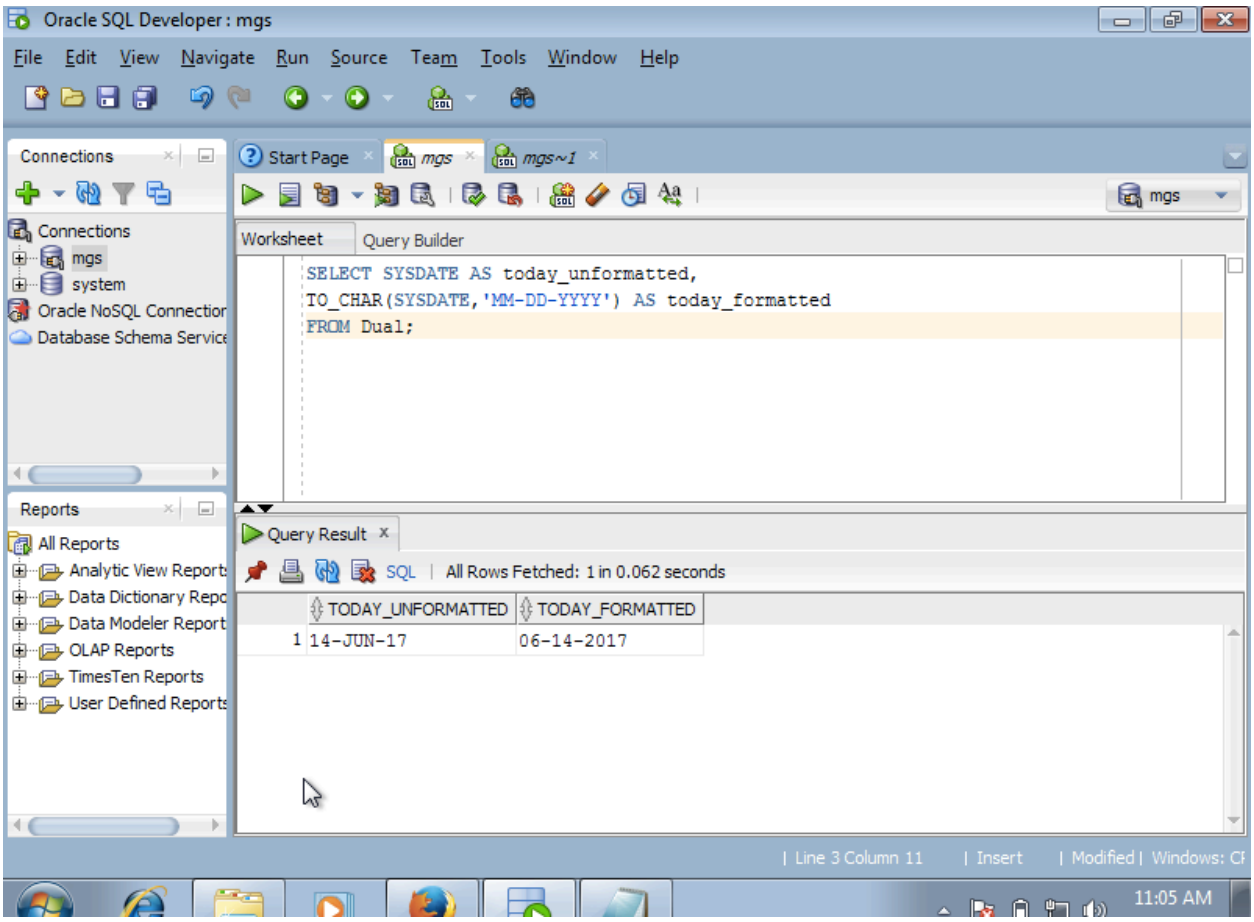

```
SELECT item_id, item_price, discount_amount, quantity,
   item_price * quantity AS price_total,
   discount_amount * quantity AS discount_total,
   (item_price - discount_amount * quantity) * quantity AS item_total
FROM Order_Items
WHERE (item_price - discount_amount * quantity) * quantity  > 500
ORDER BY item_total DESC;
```

6.



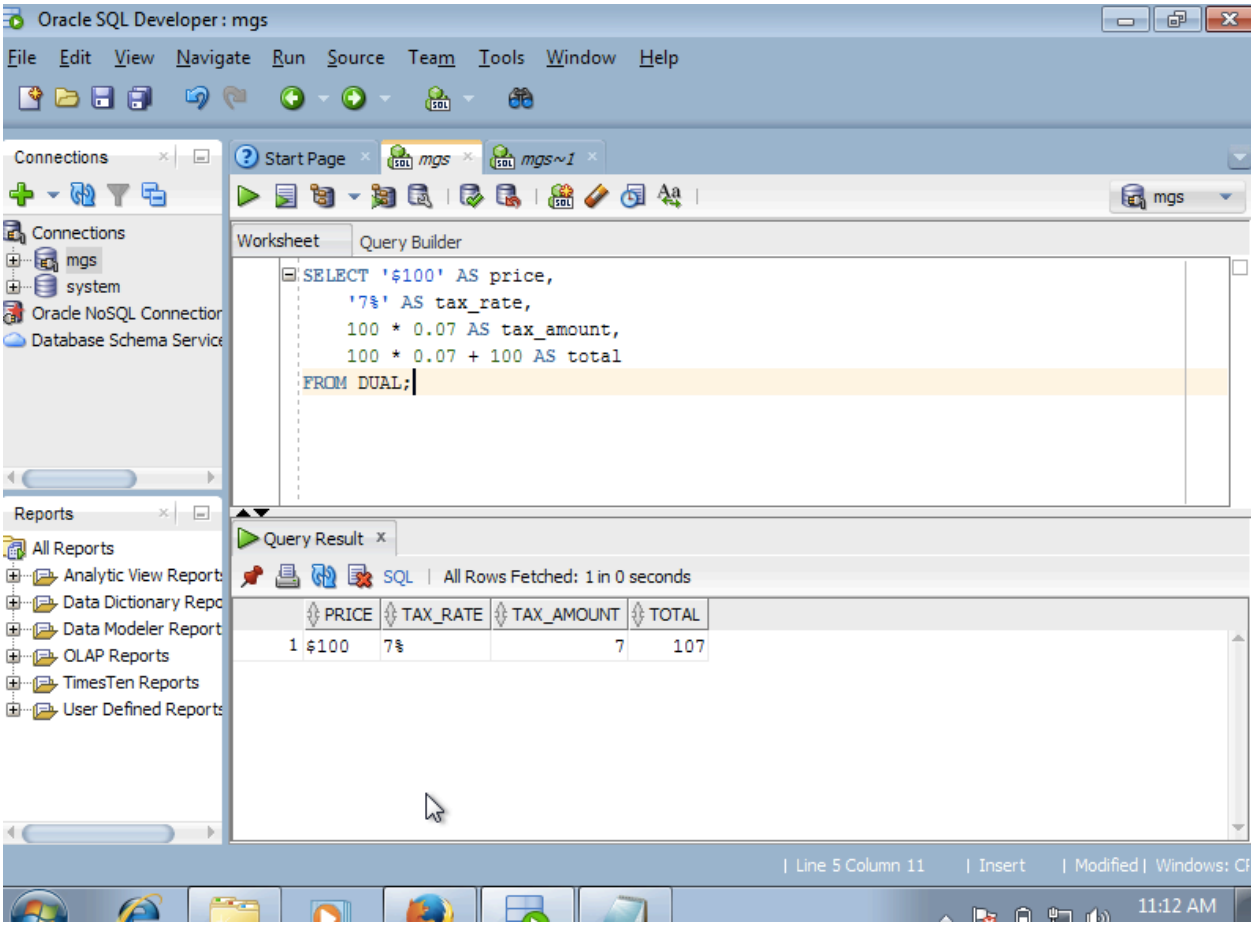
SELECT order_id, order_date, ship_date
FROM Orders
WHERE ship_date IS NULL;

7.



SELECT SYSDATE AS today_unformatted,
TO_CHAR(SYSDATE,'MM-DD-YYYY') AS today_formatted
FROM Dual;

8.




```
SELECT '$100' AS price,
   '7%' AS tax_rate,
   100 * 0.07 AS tax_amount,
   100 * 0.07 + 100 AS total
FROM DUAL;
```