ITSE 2309 – Database Programming: Oracle
Lab 9 – Group Functions

To perform these assignments, refer to the tables in the JustLee Books database.

1. Determine how many books are in the Cooking category.

```
  COUNT ??
---------
        2
```

2. Display the number of books with a retail price of more than $30.00.

```
  COUNT ??
---------
        8
```

3. Display the most recent publication date of all books sold by JustLee Books.

```
 PUBDATE
---------
11-NOV-06
```

4. Determine the total profit generated by sales to customer 1017. Note: Quantity should be reflected in the total profit calculation.

```
SUM(???
-------
  59.78
```

5. List the retail price of the least expensive book in the Computer category.

```
MIN(RETAIL)
-----------
         25
```

6. Determine the average profit generated by orders in the ORDERS table. Note: The total profit by order must be calculated before finding the average profit.

```
AVG(SUM((RETAIL-COST)*QUANTITY))
--------------------------------
                       33.772381
```

7. Determine how many orders have been placed by each customer. Do not include in the results any customer who hasn't recently placed an order with JustLee Books.

```
CUSTOMER#   COUNT(*)
---------- ----------
      1011          1
      1003          2
      1017          1
      1001          2
      1007          2
      1010          2
      1004          1
      1015          1
      1005          2
      1014          1
      1008          1
      1020          2
      1018          2
      1019          1

14 rows selected.
```

8. Determine the average retail price of books by publisher name and category. Include only the categories Children and Computer and the groups with an average retail price greater than $50.

```
NAME                        CATEGORY      AVG(RETAIL)
------------------------- ------------- -----------
PUBLISH OUR WAY             CHILDREN           59.95
AMERICAN PUBLISHING         COMPUTER            52.3
PUBLISH OUR WAY             COMPUTER            54.5
```

9. List the customers living in Georgia or Florida who have recently placed an order totaling more than $80.

```
FIRSTNAME  LASTNAME
---------- ----------
BONITA     MORALES
LEILA      SMITH
JAKE       LUCAS
```

10. What's the retail price of the most expensive book written by Lisa White?

```
MAX(RETAIL)
-----------
      39.95
```