#### **Assignment 3**

Subject: COMP122 Name: Tereza Konstari

ID: 301065539

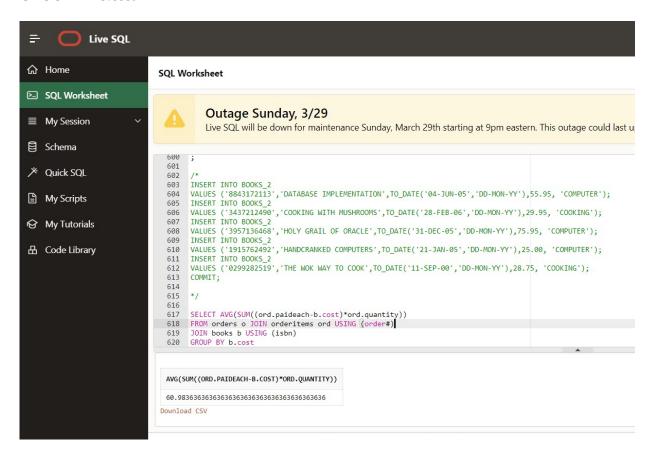
# Q1: Use Just Lee Book store database Determine the average profit generated by orders in the ORDERS table in Just Lee Book database.

**Note**: The total profit by Order must be calculated before finding the average profit...

**Hint:** First find for each order# and their total profit SUM((ord.paideach-b.cost)\*ord.quantity)) And then use Nested Function as AVG of all of these grouped order# results.

Answer must be \$31.943

SELECT AVG(SUM((ord.paideach-b.cost)\*ord.quantity))
FROM orders o JOIN orderitems ord USING (order#)
JOIN books b USING (isbn)
GROUP BY b.cost

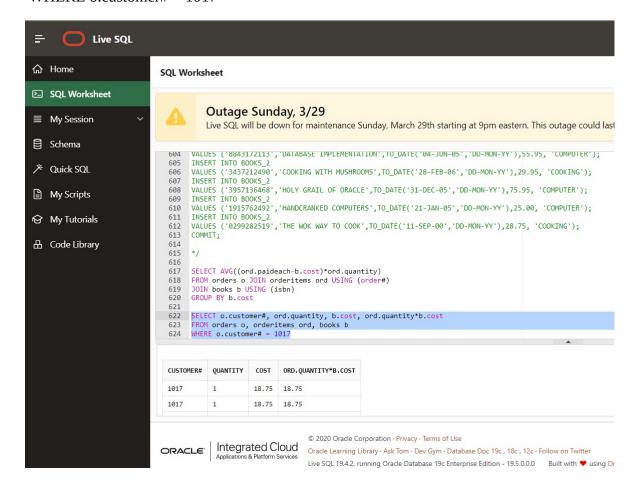


## Q2. Determine the total profit generated by sales to Customer# 1017.

Note: Quantity should be reflected in the total profit calculation.

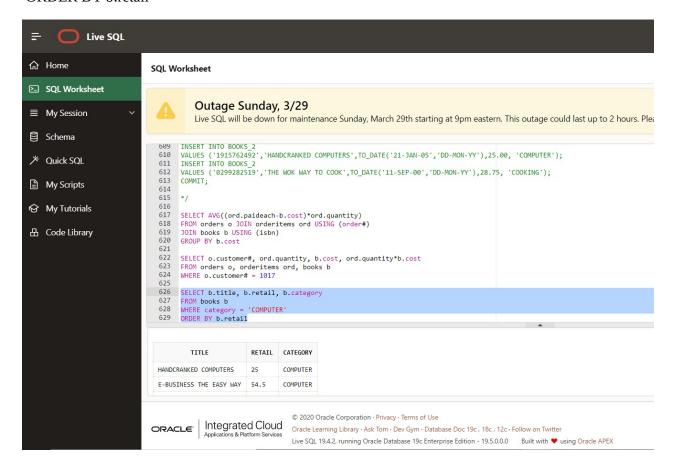
Hint: Use Just Lee Book store database

SELECT o.customer#, ord.quantity, b.cost, ord.quantity\*b.cost FROM orders o, orderitems ord, books b WHERE o.customer# = 1017



## Q3: List the retail price of the least expensive book in the Computer Category

SELECT b.title, b.retail, b.category FROM books b WHERE category = 'COMPUTER' ORDER BY b.retail



## Q4: Display the oldest (earliest) publication date of all books sold by JustLee Book company

SELECT b.pubdate, b.title, ord.item#
FROM books b JOIN orderitems ord USING(isbn)
ORDER BY b.pubdate

