

YOUR TASKS

1. Perform the queries below for the listed database(s).

QUERIES

Colonial Adventure Tours

Use SQL and the Colonial Adventure Tours database to complete the following exercises. Provide screen snips of query outputs

5. List the customer number, customer last name, and customer first name of each customer that lives in New Jersey (NJ), New York (NY) or Pennsylvania (PA). Use the IN operator in your command.
6. Repeat Exercise 5 and sort the records by state in descending order and then by customer last name in ascending order.
7. How many trips are in the states of Maine (ME) or Massachusetts (MA)?
8. How many trips originate in each state?
9. How many reservations include a trip price that is greater than \$20 but less than \$75?
10. How many trips of each type are there?
11. Colonial Adventure Tours calculates the total price of a trip by adding the trip price plus other fees and multiplying the result by the number of persons included in the reservation. List the reservation ID, trip ID, customer number, and total price for all reservations where the number of persons is greater than four. Use the column name TOTAL_PRICE for the calculated field.
12. Find the name of each trip containing the word "Pond."
13. List the guide's last name and guide's first name for all guides that were hired before June 10, 2013.
14. What is the average distance and the average maximum group size for each type of trip?
15. Display the different seasons in which trips are offered. List each season only once.
- ~~16. List the reservation IDs for reservations that are for a paddling trip. (Hint: Use a subquery.)~~
17. What is the longest distance for a biking trip?
18. For each trip in the RESERVATION table that has more than one reservation, group by trip ID and sum the trip price. (Hint: Use the COUNT function and a HAVING clause.)
19. How many current reservations does Colonial Adventure Tours have and what is the total number of persons for all reservations?

WHAT YOU WILL TURN IN

Upload file to Blackboard

1. Word document (copy & paste everything into Word) that includes
 - a. ER Diagrams from PART I
 - b. Proof that queries ran *correctly* (screenshots / snips of query text and outputs) (from PART II)
 - c. Label each screen snip
 - d. Page number at bottom-center of each page of Word document
2. Upload document to Blackboard

PLEASE SEE PAGES BELOW FOR IMPORTANT INFORMATION.

How to (& Not to) Turn-In Work (Samples)

Query Output

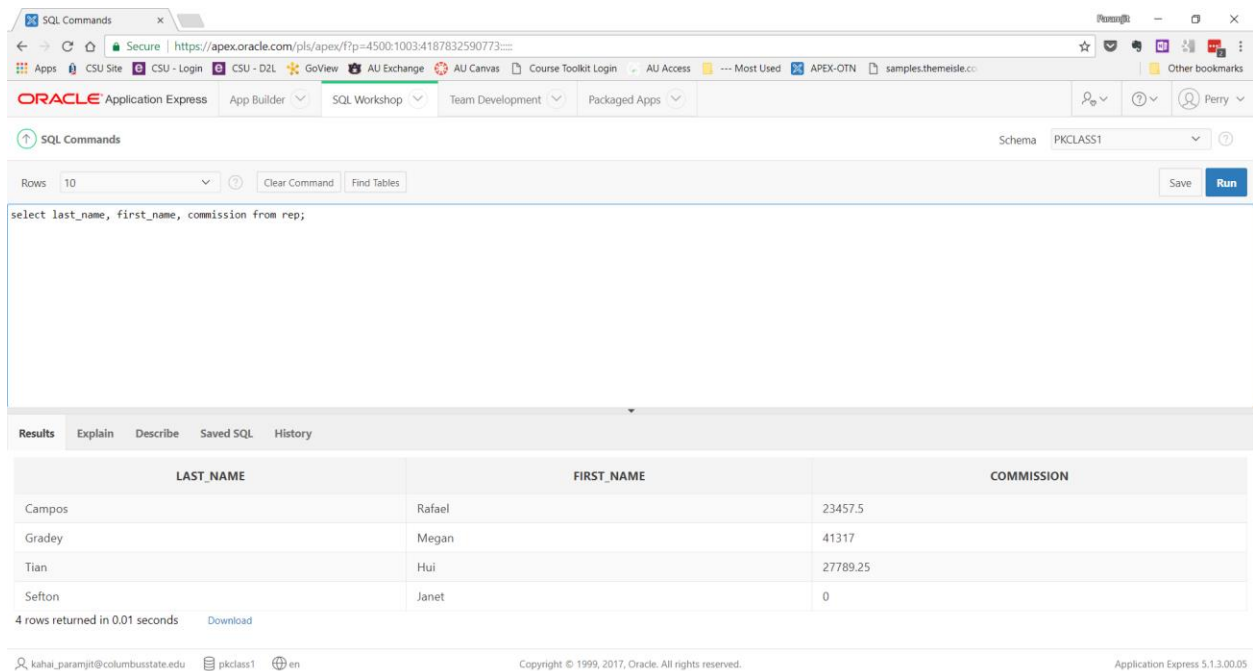
- I want to see a snip of only the relevant portion(s) of the window
- Include other needed info as shown below
- In taking a snip, first un-maximize browser Window. Then, reduce its width to where you can view the output (see below) as completely as possible
- Do NOT take a screenshot of the entire screen or of a maximized Window (see below)

Acceptable Screenshot (It's Readable)

select last_name, first_name, commission from emp;		
▼		
Results	Explain	Describe
Saved SQL		
History		
LAST_NAME	FIRST_NAME	COMMISSION
Campos	Rafael	23457.5
Gradey	Megan	41317
Tian	Hui	27789.25
Sefton	Janet	0
4 rows returned in 0.01 seconds		
Download		
Copyright © 1999, 2017, Oracle. All rights reserved.		
Application Express 5.1.3.00.05		
kahaiparamjit@columbusstate.edu		
pkclass1 en		

Unacceptable Screenshots (NOT Readable)

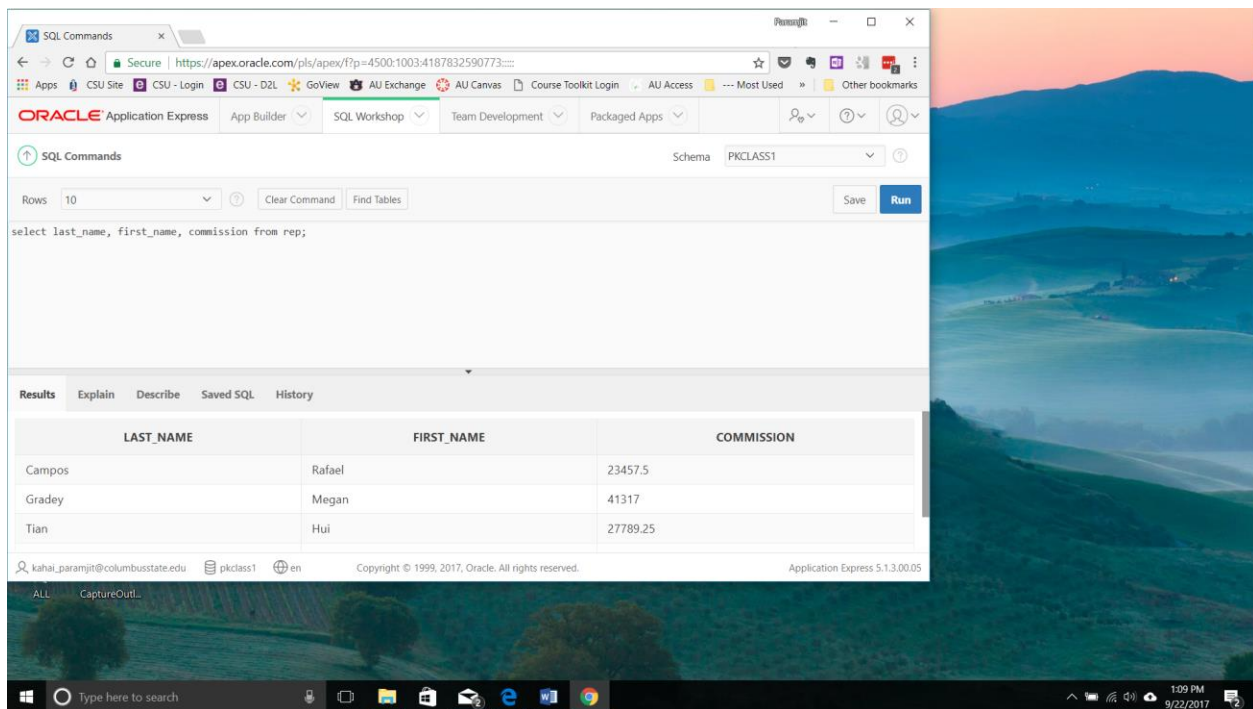
NO maximized window unless very necessary



The screenshot shows the Oracle APEX SQL Workshop interface. The top navigation bar includes links for Oracle Application Express, App Builder, SQL Workshop, Team Development, and Packaged Apps. The main area displays the SQL Commands tab with a schema dropdown set to PKCLASS1. A query is entered in the command area: `select last_name, first_name, commission from rep;`. The results are shown in a table with columns LAST_NAME, FIRST_NAME, and COMMISSION. The table contains four rows of data. The bottom status bar shows the user email, schema name, and application version.

LAST_NAME	FIRST_NAME	COMMISSION
Campos	Rafael	23457.5
Gradey	Megan	41317
Tian	Hui	27789.25
Sefton	Janet	0

NO screenshots of entire screen



This screenshot is similar to the one above, showing the Oracle APEX SQL Workshop interface. The query `select last_name, first_name, commission from rep;` is entered and executed. The results table is displayed with the same data. The right side of the screenshot shows a portion of the Windows desktop background, which is a landscape image. The taskbar at the bottom of the screen is also visible, showing the search bar and various application icons.

LAST_NAME	FIRST_NAME	COMMISSION
Campos	Rafael	23457.5
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