

Database

Paramjit Kahai

Homework #3

### SQL: SINGLE TABLE QUERIES

---

#### YOUR TASKS

1. Write SQL statements to create the LoanShark database tables and populate them with data.
2. *Import* Colonial Adventure Tours database (if not already done).
  - a. Scripts are available on Blackboard.
3. Perform the queries below
  - a. Make sure you know what columns are in each table. You will need them to perform the queries.

#### QUERIES

##### Colonial Adventure Tours

Use SQL and the Colonial Adventure Tours database (see Ch. 1 in your text) to complete the following exercises. Provide screenshots / snips of query outputs

1. List the last name of each guide that does not live in Massachusetts (MA).
2. List the trip name of each trip that has the type Biking.
3. List the trip name of each trip that has the season Summer.
4. List the trip name of each trip that has the type Hiking and that has a distance longer than 10 miles.

#### WHAT YOU WILL TURN IN

Upload file to Blackboard

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

## 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 rep;		
▼		
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		
<a href="#">Download</a>		
Copyright © 1999, 2017, Oracle. All rights reserved.		
Application Express 5.1.3.00.05		
kahari_paramjit@columbusstate.edu		
pkclass1 en		

## Unacceptable Screenshots (NOT Readable)

*NO maximized window unless very necessary*

The screenshot shows the Oracle SQL Commands interface. The query entered is `select last_name, first_name, commission from rep;`. The results are displayed in a table with 4 rows. The table has columns: LAST\_NAME, FIRST\_NAME, and COMMISSION. The data rows are: Campos, Rafael, 23457.5; Gradey, Megan, 41317; Tian, Hui, 27789.25; and Sefton, Janet, 0. The interface includes a top navigation bar with links like 'App Builder', 'SQL Workshop', and 'Team Development'. The bottom status bar shows the user 'kahai\_paramjit@columbusstate.edu' and the application version 'Application Express 5.1.3.00.05'.

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 SQL Commands interface with the same query and results. However, it includes a Windows taskbar overlay at the bottom, which is not part of the application itself. The taskbar shows the Windows logo, a search bar, and several application icons. The system clock in the bottom right corner indicates the time is 1:09 PM on 9/22/2017. The application window is titled 'SQL Commands' and the URL in the address bar is `https://apex.oracle.com/pls/apex/f?p=4500:1003:4187832590773::`.