Chapter 8 Questions

1. List the guide number, first name, and last name for all guides. The first name should appear in lowercase letters and the last name should appear in uppercase letters.
   1. A screenshot of a computer

      Description automatically generated with medium confidenceSELECT GUIDE\_NUM, LOWER(FIRST\_NAME) AS FIRST\_NAME, UPPER(LAST\_NAME) AS LAST\_NAME FROM GUIDE;
2. List the trip ID and trip name for all trips that start in Bar Harbor. Your query should ignore case. For example, a trip with the start location of Bar Harbor should be included as should trips whose start location is BAR HARBOR, Bar harbor, BaR HarBor, and so on.
   1. Graphical user interface, application

      Description automatically generatedSELECT TRIP\_ID, TRIP\_NAME FROM TRIP WHERE LOWER(START\_LOCATION) = 'bar harbor';
3. List the reservation ID, trip date, and price for all trips. The price should be rounded to the nearest dollar.
   1. SELECT RESERVATION\_ID, TRIP\_DATE, ROUND(TRIP\_PRICE, 0) FROM RESERVATION;

Table

Description automatically generated

1. Write PL/SQL or T-SQL procedures to accomplish the following tasks:
   1. Graphical user interface, text

      Description automatically generatedObtain the first name and last name, separated by a space, of the guide whose number currently is stored in I\_GUIDE\_NUM. Place these values in the variables I\_FIRST\_NAME and I\_LAST\_NAME. Output the contents of I\_GUIDE\_NUM, I\_FIRST\_NAME, and I\_ LAST\_NAME.
   2. Obtain the number of persons, customer number, and customer last name for every reservation whose ID currently is stored in I\_RESERVATION\_ID. Place these values in the variables I\_NUM\_PERSONS, I\_CUSTOMER\_NUM, and I\_LAST\_NAME, respectively. Output the contents of I\_NUM\_PERSONS, I\_CUSTOMER\_NUM, and I\_LAST\_NAME.
   3. Add a row to the GUIDE table.
   4. Change the last name of the guide whose number is stored in I\_GUIDE\_NUM to the value currently found in I\_LAST\_NAME.
   5. Delete the guide whose number is stored in I\_GUIDE\_NUM.
2. Write PL/SQL or T-SQL procedures to retrieve and output the reservation ID, trip ID, number of persons, and trip price for every reservation whose customer number is stored in I\_CUSTOMER\_NUM.