CS621 Self Assessment Week 2 – Assignment 2

Thursday 3rd October 2019
There are NO marks or credits for this assignment. SQL Answers will be available on Moodle next week.

Using the CS621Hotel SQLite database complete the following SQL queries in the DB Browser for SQLite.

QUESTION 1

Write an SQL Query to find all of the bookings in the CS621Hotel database where the Guestname starts with a capital letter A?
ROWS RETURNED = 109

QUESTION 2

Write an SQL Query to find all of the bookings in the CS621Hotel database where the Guestname starts with a capital letter A and ends with a lowercase letter a?

ROWS RETURNED = 2

QUESTION 3

Write an SQL Query to find all of the bookings in the CS621Hotel database where hte payment is Credit Card and the booking is 'AirB&B'?
ROWS RETURNED = 18

QUESTION 4

Write an SQL Query to find all of the bookingID values where the bookingID ends in a 3 or 7? Your select statement should only select the bookingID column in the results.
ROWS RETURNED = 259

QUESTION 5
Write an SQL query to find all of the bookings where the checkin column indicates that the customer checked in to their hotel on Christmas Day (Dec 25 2017) (you'll need to ensure that you get the date format correct).
ROWS RETURNED = 2

QUESTION 6
Write an SQL query to find all of the bookings where the guestname has two letter e characters together (for example John B**ee**ch) in anywhere in their name.
ROWS RETURNED = 46

QUESTION 7

All of the names in the database are of the format FIRSTNAME SURNAME where there is a space character between FIRSTNAME and SURNAME. Write an SQL query to find all of the bookings where the guestname has two letter e characters together IN THE SURNAME ONLY. The number of guests (guests column) must be greater than 2.

ROWS RETURNED = 8

QUESTION 8

Write an SQL query which finds all bookings where the BookingID has the letters DK together anywhere in the bookingID and where the guestname contains a capital letter D or a capital letter K anywhere in the name?

ROWS RETURNED = 5.