

NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCE

Database Systems Lab (CL-203)

Assignment # 2

Due Date: Nov 14, 2016, 7:00 P.M

Instructions:

1. Refer to the script that I have uploaded.
2. Place all the queries (order wise) in a word file, name it as KXX-XXXX-Sec-X and submit it on slate before the deadline.
3. No submission will be excepted via email.

Questions:

1. Find the names of Customers who have booked all cars.
2. Find the names of Customers who have booked all cars called "Suzuki, Mehran".
3. For each red car, Find the number of bookings for this car.
4. Find the names of Customers who have booked a red Car but not a green Car.
5. Find the names of customers who have not booked a red car.
6. Find the 2nd last booking date.
7. Find for each car name, the number of different customers that booked it.
8. In which month most of the booking took place?
9. Find the ids and names of customers who have booked two different cars on the same day.
10. Find the name and age of the oldest customer. (Note: Self join is compulsory)
11. Find the name and the age of the youngest customer. (Note: Self join is compulsory)
12. Display Customer Id, Customer Name, Booked Car / No Bookings.
13. Delete the record of "Suzuki, Mehran" from the Cars table.
14. Insert the record of customer named "Shahid Afridi", then Book a car named "Hummer" of this customer.
15. Create a table "Customer's Left" in which you have to store all the information of those customers who haven't booked any car. (Note: You have to do it just by using single query).
16. Find the Customers ids of Customers with age over 20 who have not booked a Car and whose name includes the string "mm".
17. Get the names of faculty teaching a class in room 'R-11'.
18. Get the number of students in the CS Department.
19. Get the student numbers and names of students who have only taken classes with an instructor named 'Muhammad Rafi'.
20. Get the student numbers and names of students who have not taken classes with an instructor named 'Muhammad Rafi'.

21. Get the department names and the number of students majoring in that department, sorted in decreasing order of the number of students.
22. Find the names of the Instructors who take more than 1 class.
23. Find names of those students who are not enrolled in IR class.
24. Find total numbers of students enrolled in CS department Lahore.
25. Display Name of instructor, the class he takes and the total number of students present in that class.
26. Display Department location wise the total numbers of student present in that department.

Best of luck