Assignment

Feb19/ DBT/ 006

Database Technologies

Diploma in Advance Computing

August 2019

**String, Date,Math functions,and Date formats.**

USE ***customer, customerphone, customer\_address, salespeoplephone,customerqualification, lastNamepouse, customer\_region, customer\_salespeople, salespeople, products, region, manufacturer, orders, and orderdetails relations*** to solve the following queries.

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| 1. Get lastName *firstName* with how many characters are there in their *firstName*. |
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| 1. Get lastName details whose *firstName* having 4 characters only. |
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| 1. Get the ASCII value of the 3rd character of *firstName* column. |
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| 1. Get *firstName* and *lastName* in lowercase. |
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| 1. Get (*firstName* , *lastName*, and *emailID*) of customer whose are born in ‘1964-06-12’ |
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| 1. Get *(firstName , lastName* andfirst *3 letters of firstName )* for all customers. |
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| 1. Get*(firstName , lastName* and last *3 letters of firstName )* for all customer. |
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| 1. Get all customer *(phonenumber)* whose *phonenumber* starts with 70. |
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| 1. Get customer details of first 5 customer. |
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| 1. Get customer details of last 5 customer. |
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| 1. Get customer details in ascending order of *firstName* . |
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| 1. Get customer details in descending order of *lastName*. |
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| 1. Get *(customer id, firstName , lastName, dob, and emailID)* for all customers whose length of email id is more than 20 characters. |
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| 1. Combine to display customer *firstName*  and *lastName*. |
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| 1. Write a query to display the following output for all customer. If (*firstName* , *lastNameoremailID)* is null then replace it with a blank space.   **eg. (Bhoopali Nanadikar and emailID is bhoopali.nanadikar@gmail.com)** |
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| 1. Get customer *firstName*  and *lastName* in upper case. |
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| 1. Get customer firstname and *lastname* in lower case. |
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| 1. Get customer *firstname* and *lastname* in reverse order. |
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| 1. Get first 4 letters of customer *firstName* . |
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| 1. Get second letter of customer *firstName*  to second last letter of customer *firstName* . |
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| 1. Get ASCII character of customer *firstName* . |
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| 1. Get first 5 letter of the customers’ *firstName* . |
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| 1. Print *phone number* of all customer in the given format 7032300034\*\*\*\*\*. |
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| 1. Get all customer whose DOB is in the month of ‘October’. |
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| 1. Get all customer whoseDOB is in the month of ‘January’ or ‘December’. |
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| 1. Get all faculty who were born on ‘Sunday’ |
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| 1. Print current date and time. |
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| 1. Extract month from the current date. |
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| 1. Extract year from the current date. |
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| 1. Get all customer whose DOB is in the year 1984 in ascending order of *firstName .* |
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| 1. Get all customer whose DOB is in the 4 quarter of a year. |
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| 1. Get all customer whose DOB is in the 43rd week of a year. |
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| 1. Get all customer whose DOB is in between 10 and 19 day. |
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| 1. Generate the random number between 1 to 100 |
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| 1. Display the 5 character of firstName column from customer table. |
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| 1. Display all customer in ascending order of their DOB, the ordering must be done on weekday name starting form ‘Monday’, ‘Tuesday’…… |
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| 1. Display all customer who’s DOB comes in the 4th quarter of the year. |
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| 1. Display all customer who were born on ‘Sunday’. |
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| 1. Display the DOB in the give format **‘12th of June 1984’** |
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| 1. Display all course\_batches who ends on ‘Sunday’. |
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| 1. Display customer\_phone number in the following format “7032\*\*\*\*\*\*” for all customers. |
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