Assignment

Feb19/ DBT/ 006

Database Technologies

Diploma in Advance Computing

February 2019

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

USE *n2employee, n2department, n2employee\_department, n2salary, n2commission, n2contact, n2address, n2qualification, n2hobbies, n2order, and n2jobhistory*relation to solve the following queries.

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| 1. Get employee *firstname* with how many characters are there in their *firstname*. |
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| 1. Get employee details whose *firstname* is having at least 4 characters. |
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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 *(hobby name)* all 7 letter hobbies. |
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| 1. Get *(firstname, lastname and first 3 letters of firstname)* for all employees. |
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| 1. Get *(firstname, lastname and last 3 letters of firstname)* for all employees. |
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| 1. Get all *(phonenumber)* whose *phonenumber* starts with 99. |
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| 1. Get employee details of first 5 employees. |
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| 1. Get employee details of last 5 employees. |
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| 1. Get employee details in ascending order of *firstname*. |
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| 1. Get employee details in descending order of *lastname*. |
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| 1. Get *(employee id, firstname, lastname, gender, phonenumber, and emailid)* for all employees whose length of email id is more than 20 characters. |
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| 1. Combine to display employee *firstname* and *lastname*. |
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| 1. Write a query to display the following output for all employees. If (*firstname*, *lastname or hiredate)* is null then replace it with a blank space.   **(Bhoopali Nanadikar and hired on 1962-04-10)** |
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| 1. Get employee *firstname* and *lastname* in upper case. |
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| 1. Get employee *firstname* and *lastname* in lower case. |
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| 1. Get employee *firstname* and *lastname* in reverse order. |
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| 1. Get first 4 letters of employee *firstname*. |
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| 1. Get second letter of employee *firstname* to second last letter of employee *firstname*. |
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| 1. Get ASCII character of employee *firstname*. |
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| 1. Get 5 letter of the employee *firstname*. |
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| 1. Print *salary* of all employees in the given format 3000\*\*\*\*\* for the current job. |
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| 1. Get all employee who were hired in the month of ‘October’. |
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| 1. Get all employee who were hired in the month of ‘December’ and gender is ‘M’. |
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| 1. Get all employees who were hired 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 employees who were hired in the year 1964 in ascending order of *employee id*. |
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| 1. Get all employees who were hired in the 4 quarter of a year. |
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| 1. Get all employees who were hired in the 43rd week of a year. |
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| 1. Get all employees who were hired between 10 and 19 day. |
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| 1. Count how many employees where hired in the year 1964. |
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| 1. Generate the random number between 1 to 100 |
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