

CSE-3104 Database Lab

Online: 04

Total Marks: 10

Instructions:- I have attached one sql file name Online#4 which contains the sql commands for creation of different tables and inserting data into those corresponding tables. Before rushing to answer the questions, run that sql file. Based on those tables you have to answer the following questions.

- **Use of Subquery or Set operations in ever question/query is mandatory.**
 - 1. From the tables created, write a SQL query to find those Staffs who work in a branch where the staff's first name contains a letter 'h'. Return staff no, first name and last name.
 - 2. Find those staffs who earn more than the average salary and work in a branch with any staff whose first name contains a character a 'n'. Return staff no, first name and annual salary.
 - 3. Find the staff who earn second-lowest salary of all the staffs. Return all the fields of staff.
 - 4. Find date of birth of all staffs whose salaries are less than or equal to the lowest salary of every branch.
 - 5. Find the postcode of all branches that do not have any staff with date of birth between 1980-01-01 and 1990-01-01.
 - 6. Calculate the average of minimum salary of all branches.
 - 7. Update Khan's salary to the average salary of all staffs if his salary is less than the average salary of all staffs.
 - 8. Find the rents of all Properties, the average rent, and the difference between the rent of each property and the average rent.
 - 9. Find the Last name of all staffs who work in Dhaka and Chittagong. (**Use of set operation is a must**).
 - 10. Find the private owners who do not have any property till now.
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