**National University of Computer & Emerging Sciences, Karachi** 

**Computer Science Department**

**Fall 2021, Lab Manual – 04 Task**

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| **Course Code: CL-2005** | **Course: Database Systems Lab** |
| **Instructor(s):** | **Muhammad Nadeem, Amin Sadiq, Erum, Fizza, Mafaza, Ali Fatmi** |

1. For each department, retrieve the department no, the number of employees in the department and their average salary.
2. Write a Query to display the number of employees with the same job.
3. Write a Query to select First name and Hire date of Employees Hired right after the joining of the ID no 110.
4. Write a query to display the employee number, name (first name and last name) and job title for all employees whose salary is smaller than any salary of those employees whose job title is IT\_PROG.
5. For each department that has more than five employees, retrieve the department number and the number of its employees who are making more than 2000.
6. Write a query in SQL to display the first name, last name, and department number for those employees who works in the same department as the employee who holds the last name as Taylor.
7. Update salary of employees by 20% increment having minimum salary of 6000.
8. Insert into employees\_BKP as it should copy the record of the employee whose start date is ’13-JAN-01’ from job\_History table.
9. Delete the record of employees from employees\_BKP who are manager and belongs to the department ‘Finance’.