**DBMS LAB WEEK6**

**ATUL ANURAG**

**PES2UG19CS075**

**SECTION B**

SQL – Aggregate functions.

**Problem Statement:**

Write the SQL query using aggregate functions for the following.

1. Show the resulting salaries if every employee working on the ‘ProductX’ project is given a 10% raise.

Graphical user interface, text

Description automatically generated

1. Find the sum of the salaries of all employees of the ‘Research’ department, as well as the maximum salary, the minimum salary, and the average salary in this department.

Graphical user interface, text

Description automatically generated

1. Count the number of distinct salary values in the database.

Graphical user interface, text, application

Description automatically generated

1. Retrieve the names of all employees who have two or more dependents.

Graphical user interface, text

Description automatically generated

1. For each department, retrieve the department number, the number of employees in the department, and their average salary.

Graphical user interface, text

Description automatically generated

1. Retrieve the names of employees who make at least $10,000 more than the employee who is paid the least in the company.

Graphical user interface, text

Description automatically generated

1. Retrieve the names of all employees who work in the department that has the employee with the highest salary among all employees.

Graphical user interface, text

Description automatically generated

1. Count the total number of employees whose salaries exceed $40,000 in each department

Graphical user interface, text, application

Description automatically generated