Question1:

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| * Write a SQL query to retrieve the emp\_id, last\_name, and salary of employees whose salary is between 2,000 and 5,000 and do not have a manager ID of 101 or 200. |
| Solution: SELECT employee\_id, last\_name, salary FROM employees  WHERE salary BETWEEN 2000 AND 5000 AND manager\_id NOT IN (101, 200); |

Question2:

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| * Write a SQL query to display the employee names along with their respective department names. Use aliases for table names for better readability. |
| Solution: select e.first\_name,e.last\_name,d.department\_name from employees e join departments d on e.department\_id=d.department\_id order by d.department\_name |

Question3:

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| * Write a SQL query to find the number of employees and the average salary for each department. Ensure that the results are grouped by department ID. |
| Solution: select department\_id,count(\*) as "Number of employees",avg(salary) as "Average Salary" from employees group by department\_id |