**Lab 2**

**SQL query based on Aggregated Functions**

1. Display average salary of employees in each department who have commission percentage.

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| QUERY | SELECT department\_id, AVG(salary) AS avg\_salary  FROM employees  WHERE commission\_pct IS NOT NULL  GROUP BY department\_id; |
| OUTPUT |  |

1. Display job title and average salary of employees.

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| --- | --- |
| QUERY | SELECT job\_id, AVG(salary)  FROM employees  GROUP BY job\_id; |
| OUTPUT |  |

1. Display details of jobs where the minimum salary is greater than 10000.

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| QUERY | SELECT \*  FROM jobs  WHERE min\_salary > 10000; |
| OUTPUT |  |

1. Display how many employees joined in each month ofthe current year.

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| --- | --- |
| QUERY | SELECT EXTRACT(MONTH FROM hire\_date) AS Join\_Month, COUNT(\*) AS Num\_of\_Employees  FROM employees  WHERE EXTRACT(YEAR FROM hire\_date) = EXTRACT(YEAR FROM CURRENT\_DATE)  GROUP BY EXTRACT(MONTH FROM hire\_date)  ORDER BY EXTRACT(MONTH FROM hire\_date); |
| OUTPUT |  |

1. Display number of employees joined after 15th of the month.

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| --- | --- |
| QUERY | SELECT EXTRACT(MONTH FROM hire\_date) AS Join\_Month, COUNT(\*) AS Num\_of\_Employees  FROM employees  WHERE EXTRACT(DAY FROM hire\_date) > 15  GROUP BY EXTRACT(MONTH FROM hire\_date)  ORDER BY EXTRACT(MONTH FROM hire\_date); |
| OUTPUT |  |