**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(NVL(salary,0))  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(NVL(salary,0))  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 job\_id, MIN(salary)  FROM employees  GROUP BY job\_id  HAVING MIN(salary) > 10000 |
| OUTPUT |  |

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

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| --- | --- |
| QUERY | SELECT TO\_CHAR(hire\_date, 'MM') AS hire\_month,  COUNT(\*) AS employees\_joined  FROM employees  WHERE EXTRACT(YEAR FROM hire\_date) =  EXTRACT(YEAR FROM SYSDATE)  GROUP BY TO\_CHAR(hire\_date, 'MM')  ORDER BY TO\_CHAR(hire\_date, 'MM'); |
| OUTPUT |  |

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

|  |  |
| --- | --- |
| QUERY | SELECT COUNT(\*) AS emp\_count  FROM employees  WHERE EXTRACT(DAY FROM hire\_date) > 15; |
| OUTPUT |  |