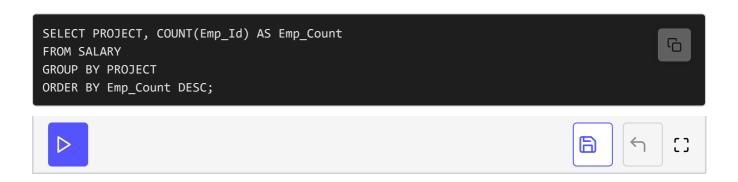
Solution to Exercise 3

Solution to exercise 3.

we'll cover the following ^ • Solution • Explanation

Solution



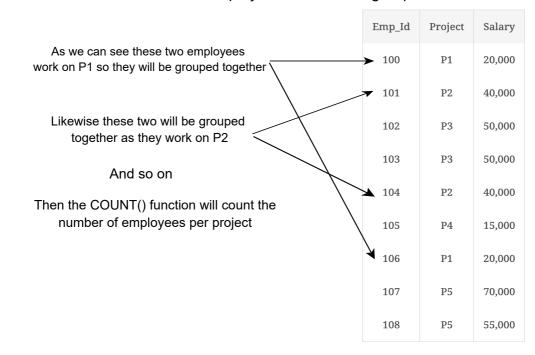
Again, the solution will work without using the alias for COUNT(Emp_Id).

Explanation

The query has two requirements: first, fetch the project-wise count and then sort the result by that count. For a project-wise count, we will be using the COUNT() function to count the number of employees that have been grouped together using the GROUP BY clause. Lastly, for sorting, we will use the ORDER BY clause on the alias of the employee-count.

The slides below help to visualize the solution:

The GROUP BY clause will divide the employees working on same project into different groups.



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Then the ORDER BY clause will arrange the records in terms of the number of employees working on a project in descending order

| PROJECT | Emp_Count | | |
|---------|-----------|--|--|
| P1 | 2 | | |
| P2 | 2 | | |
| Р3 | 2 | | |
| P5 | 2 | | |
| P4 | 1 | | |

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