

EmployeeDetails:

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select * from EmployeeDetails;`. The results table displays the following data:

EMPID	FULLNAME	MANAGERID	DATEOF JOINING	CITY
421	Kuldeep Rana	876	27-NOV-16	New Delhi
321	Walter White	986	30-JAN-15	California
121	John Snow	321	31-JAN-14	Toronto

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EmployeeSalary:

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select * from EmployeeSalary;`. The results table displays the following data:

EMPID	PROJECT	SALARY	VARIABLE
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

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Write an SQL query to fetch the EmpId and FullName of all the employees working under Manager with id – ‘876’.

Oracle Live SQL - SQL Worksheet

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Live SQL

SQL Worksheet

1 `select EmpId,FullName from EmployeeDetails where ManagerId='876';`

EMPID	FULLNAME
421	Kuldeep Rana

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Write an SQL query to fetch the different projects available from the EmployeeSalary table.

Oracle Live SQL - SQL Worksheet

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Live SQL

SQL Worksheet

1 `select Distinct(Project) from EmployeeSalary;`

PROJECT
P1
P2

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Write an SQL query to fetch the count of employees working in project 'P1'.

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SQL Worksheet

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```
1 select Count(Project) from EmployeeSalary where Project='P1';
```

COUNT (PROJECT)
2

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Write an SQL query to find the maximum, minimum, and average salary of the employees.

MAX:

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SQL Worksheet

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```
1 select Max(Salary) from EmployeeSalary;
```

MAX (SALARY)
12000

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Min:

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SQL Worksheet

Clear Find Actions Save Run

```
1 select Min(Salary) from EmployeeSalary;
```

MIN(SALARY)
8800

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AVG:

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SQL Worksheet

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```
1 select AVG(Salary) from EmployeeSalary;
```

AVG(SALARY)
10000

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Write an SQL query to find the employee id whose salary lies in the range of 9000 and 15000.

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SQL Worksheet

1 select EmpId,Salary from EmployeeSalary where salary Between 9000 and 15000;

EMPID	SALARY
321	10000
421	12000

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Write an SQL query to fetch those employees who live in Toronto and work under manager with ManagerId – 321.

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Live SQL

SQL Worksheet

1 select EmpId,FullName,ManagerId,city from EmployeeDetails where City='Toronto'and ManagerId='121';

no data found

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Write an SQL query to display the total salary of each employee adding the Salary with Variable value.

The screenshot shows the Oracle Live SQL interface. The query entered is: `select EmpId, Salary+Variable as totalsalary from EmployeeSalary ;`. The results are displayed in a table with two columns: EMPID and TOTALSALARY. The data is as follows:

EMPID	TOTALSALARY
121	8500
321	11000
421	12000

Below the table, it says "Download CSV" and "3 rows selected." The footer of the interface shows the copyright information: "© 2022 Oracle - Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym".

Write an SQL query to fetch the employees whose name begins with any two characters, followed by a text “It” and ending with any sequence of characters.

The screenshot shows the Oracle Live SQL interface. The query entered is: `select EmpId from EmployeeDetails where FullName Like '___it%';`. The results are displayed as "no data found". The footer of the interface shows the copyright information: "© 2022 Oracle - Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym".

Write an SQL query to fetch all the EmpIds which are present in either of the tables – ‘EmployeeDetails’ and ‘EmployeeSalary’.

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Live SQL

SQL Worksheet

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```
1 select EmpId from EmployeeDetails Union select EmpId from EmployeeSalary;
```

EMPID
121
321
421

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ENG IN

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Write an SQL query to fetch common records between two tables

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SQL Worksheet

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```
1 select EmpId from EmployeeDetails Intersect select EmpId from EmployeeSalary;
```

EMPID
121
321
421

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Write an SQL query to fetch project-wise count of employees sorted by project's count in ascending order.

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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT Project, count(EmpId) EmpProjectCount
2 FROM EmployeeSalary
3 GROUP BY Project
4 ORDER BY EmpProjectCount DESC;
```

PROJECT	EMPPROJECTCOUNT
P1	2
P2	1

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Write a query to fetch employee names and salary records. Display the employee details even if the salary record is not present for the employee.

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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT E.FullName, S.Salary
2 FROM EmployeeDetails E
3 LEFT JOIN
4 EmployeeSalary S
5 ON E.EmpId = S.EmpId;
```

FULLNAME	SALARY
Kuldeep Rana	12000
Walter White	10000
John Snow	8000

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