

**Table – EmployeeDetails**

EmpId	FullName	ManagerId	DateOfJoining	City
121	John Snow	321	01/31/2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

**Table – EmployeeSalary**

EmpId	Project	Salary	Variable
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

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

Live SQL

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SQL Worksheet Clear Find Actions Save Run

```
1 SELECT EmpId, FullName
2 FROM EmployeeDetails
3 WHERE ManagerId = 876;
```

EMPID	FULLNAME
421	Kuldeep Rana

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

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SQL Worksheet Clear Find Actions Save Run

```
1 SELECT DISTINCT(Projects)
2 FROM EmployeeSalary;
```

PROJECTS
P1
P2

Download CSV  
2 rows selected.

3. Write an SQL query to fetch the count of employees working in project ‘P2’.

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```
1 SELECT COUNT(*)
2 FROM EmployeeSalary
3 WHERE Projects = 'P2';
```

COUNT(*)
1

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

Live SQL

SQL Worksheet

```
1 SELECT Max(Salary),
2 Min(Salary),
3 Avg(Salary)
4 FROM EmployeeSalary;
```

MAX(SALARY)	MIN(SALARY)	AVG(SALARY)
12000	8000	10000

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5. Write an SQL query to find the employee id whose salary lies in the range of 10000 and 15000.

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SQL Worksheet

```
1 SELECT EmpId, Salary
2 FROM EmployeeSalary
3 WHERE Salary BETWEEN 10000 AND 15000;
```

EMPID	SALARY
321	10000
421	12000

Download CSV

2 rows selected.

6. Write an SQL query to fetch those employees who live in Toronto and work under manager with ManagerId – 121.

Live SQL

SQL Worksheet

```
1 SELECT EmpId, City, ManagerId
2 FROM EmployeeDetails
3 WHERE City='Toronto' AND ManagerId=121;
```

no data found

7. Write an SQL query to fetch all the employees who either live in New Delhi or work under a manager with ManagerId – 321.

Live SQL

SQL Worksheet

```
1 SELECT EmpId, City, ManagerId
2 FROM EmployeeDetails
3 WHERE City='New Delhi' OR ManagerId=321;
```

EMPID	CITY	MANAGERID
121	Toronto	321
421	New Delhi	876

Download CSV  
2 rows selected.

8. Write an SQL query to fetch all those employees who work on Project other than P3.

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SQL Worksheet

```
1 SELECT EmpId
2 FROM EmployeeSalary
3 WHERE NOT Projects='P3';
```

EMPID
121
321
421

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3 rows selected.

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

Live SQL

SQL Worksheet

```
1 SELECT EmpId,
2 Salary+Variables as TotalSalary
3 FROM EmployeeSalary;
```

EMPID	TOTALSALARY
121	8500
321	11000
421	12000

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3 rows selected.

Ques.10. Write an SQL query to fetch the employees whose name begins with any two characters, followed by a text “lt” and ending with any sequence of characters.

 Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT FullName
2 FROM EmployeeDetails
3 WHERE FullName LIKE '___lt%';
```

no data found