

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

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;
```

The results are displayed in a table with the column EMPID:

EMPID
121
321
421

Below the table, it says "Download CSV" and "3 rows selected." The footer indicates the version is 2022 Oracle - Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0.

12. Write an SQL query to fetch common records between two tables.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT EmpId FROM EmployeeDetails INTERSECT SELECT EmpId FROM EmployeeSalary;
```

The results are displayed in a table with the column EMPID:

EMPID
121
321
421

Below the table, it says "Download CSV" and "3 rows selected." The footer indicates the version is 2022 Oracle - Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0.

13. Write an SQL query to fetch records that are present in one table but not in another table.

The screenshot shows the Oracle Live SQL interface. The query entered is: `SELECT * FROM EmployeeDetails WHERE EmpID NOT IN(SELECT EmpID FROM EmployeeSalary);`. The results pane shows "no data found".

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14. Write an SQL query to fetch the EmpIds that are present in both the tables – ‘EmployeeDetails’ and ‘EmployeeSalary’.

The screenshot shows the Oracle Live SQL interface. The query entered is: `SELECT EmpID FROM EmployeeDetails WHERE EmpID IN(SELECT EmpID FROM EmployeeSalary);`. The results pane shows a table with 3 rows selected.

EMPID
121
321
421

Download CSV  
3 rows selected.

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15. Write an SQL query to fetch the EmpIds that are present in EmployeeDetails but not in EmployeeSalary.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT EmpId FROM EmployeeDetails WHERE EmpId NOT IN(SELECT EmpId FROM EmployeeSalary);
```

The result area below the query shows "no data found".

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16. Write an SQL query to fetch the employee full names and replace the space with '\*'.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT REPLACE(FullName, ' ', '*') AS ANSWER FROM EmployeeDetails;
```

The result area below the query shows a table with the following data:

ANSWER
John*Snow
Walter*White
KuIdeep*Rana

Download CSV  
3 rows selected.

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17. Write an SQL query to fetch the position of a given character(s) in a field.

The screenshot shows the Oracle Live SQL interface. The query entered is: `SELECT INSTR(FullName, 'Walter') FROM EmployeeDetails;`. The results table shows three rows with values 0, 1, and 0. The interface includes a sidebar with navigation options like Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The top bar shows the user's name and various utility buttons.

INSTR(FULLNAME, 'WALTER')
0
1
0

Download CSV  
3 rows selected.

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18. Write an SQL query to display both the EmpId and ManagerId together.

The screenshot shows the Oracle Live SQL interface. The query entered is: `SELECT EmpId, ManagerId FROM EmployeeDetails;`. The results table shows three rows with EmpId and ManagerId values. The interface includes a sidebar with navigation options like Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The top bar shows the user's name and various utility buttons.

EMPID	MANAGERID
121	321
321	986
421	876

Download CSV  
3 rows selected.

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19. Write a query to fetch only the first name(string before space) from the FullName column of the EmployeeDetails table.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) AS FirstName FROM EmployeeDetails;
```

The results are displayed in a table:

FIRSTNAME
John
Walter
Kuldeep

Download CSV  
3 rows selected.

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20. Write an SQL query to upper case the name of the employee and lower case the city values.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;
```

The results are displayed in a table:

UPPER(FULLNAME)	LOWER(CITY)
JOHN SNOW	toronto
WALTER WHITE	california
KULDEEP RANA	new delhi

Download CSV  
3 rows selected.

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21. Write an SQL query to find the count of the total occurrences of a particular character – ‘n’ in the FullName field.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT FullName,
2    LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', '')) AS OccurrencesOfN
3 FROM EmployeeDetails;
```

The query results are displayed in a table:

FULLNAME	OCCURENCESOFN
John Snow	2
Walter White	0
Kuldeep Rana	1

Download CSV  
3 rows selected.

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22. Write an SQL query to update the employee names by removing leading and trailing spaces.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 UPDATE EmployeeDetails SET FullName = LTRIM(RTRIM(FullName));
2
3 SELECT * FROM EmployeeDetails;
```

The query results are displayed in a table:

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

Download CSV  
3 rows selected.

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23. Fetch all the employees who are not working on any project.

The screenshot shows the Oracle Live SQL interface. The left sidebar contains navigation links: Home, SQL Worksheet (selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet" and contains a single SQL query: `1 SELECT EmpId FROM EmployeeSalary WHERE Proj IS NULL;`. Below the query editor, the results pane displays "no data found". At the bottom, a footer indicates the version is Oracle Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0, and includes links for Database Documentation, Ask Tom, and Dev Gym.

24. Write an SQL query to fetch employee names having a salary greater than or equal to 5000 and less than or equal to 10000.

The screenshot shows the Oracle Live SQL interface with a query that has been executed. The query is: `1 SELECT FullName FROM EmployeeDetails  
2 WHERE EmpId IN (SELECT EmpId FROM EmployeeSalary WHERE Salary BETWEEN 5000 AND 10000);`. The results pane displays a table with two rows: John Snow and Walter White. Below the table, there is a "Download CSV" link and the text "2 rows selected.". The footer is the same as in the previous screenshot.

FULLNAME
John Snow
Walter White

## 25. Write an SQL query to find the current date-time.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `Select to_char(sysdate, 'HH24:MI:SS AM') from dual;`. The result is displayed as a table with one row: `TO_CHAR(SYSDATE, 'HH24:MI:SSAM')` and the value `08:48:31 AM`. A `Download CSV` link is available below the result.

TO_CHAR(SYSDATE, 'HH24:MI:SSAM')
08:48:31 AM

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## 26. Write an SQL query to fetch all the Employees details from EmployeeDetails table who joined in the Year 2016.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `SELECT * FROM EmployeeDetails WHERE to_char(DateOfJoining, 'YYYY') = '2016';`. The result is displayed as a table with 5 columns: EMPID, FULLNAME, MANAGERID, DATEOFJOINING, and CITY. The result shows one row: 421, Kuldeep Rana, 876, 27-NOV-16, New Delhi. A `Download CSV` link is available below the result.

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY
421	Kuldeep Rana	876	27-NOV-16	New Delhi

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27. Write an SQL query to fetch all employee records from EmployeeDetails table who have a salary record in EmployeeSalary table.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT * FROM EmployeeDetails INNER JOIN EmployeeSalary ON EmployeeDetails.EmpID = EmployeeSalary.EmpID;
```

The query results are displayed in a table with 9 columns: EMPID, FULLNAME, MANAGERID, DATEOFJOINING, CITY, EMPID, PROJ, SALARY, and VARIABLES. The results show 3 rows selected.

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY	EMPID	PROJ	SALARY	VARIABLES
121	John Snow	321	31-JAN-14	Toronto	121	P1	8000	500
321	Walter White	986	30-JAN-15	California	321	P2	10000	1000
421	Kuldeep Rana	876	27-NOV-16	New Delhi	421	P1	12000	0

Download CSV  
3 rows selected.

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

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 SELECT Proj, count(EmpId) EmpProjectCount  
2 FROM EmployeeSalary GROUP BY Proj  
3 ORDER BY EmpProjectCount ASC;
```

The query results are displayed in a table with 2 columns: PROJ and EMPPROJECTCOUNT. The results show 2 rows selected.

PROJ	EMPPROJECTCOUNT
P2	1
P1	2

Download CSV  
2 rows selected.

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29. 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.

The screenshot shows the Oracle Live SQL web interface. The browser address bar displays the URL: `livesql.oracle.com/apex/f?p=590:1:12900806115313::LEVEL1::`. The interface includes a sidebar with navigation options: Home, SQL Worksheet (selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet" and contains a SQL query editor with the following code:

```
1 SELECT EmployeeDetails.EmpID, EmployeeDetails.FullName, EmployeeSalary.Salary FROM EmployeeDetails
2 LEFT JOIN EmployeeSalary ON EmployeeDetails.EmpID = EmployeeSalary.EmpID;
```

Below the query editor, the results are displayed in a table:

EMPID	FULLNAME	SALARY
121	John Snow	8000
321	Walter White	10000
421	Kuldeep Rana	12000

Below the table, there is a "Download CSV" link and a message: "3 rows selected." At the bottom of the interface, the copyright notice reads: "© 2022 Oracle · Live SQL 22.3.1, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 · Database Documentation · Ask Tom · Dev Gym". Below this, it says: "Built with ❤️ using Oracle APEX · Privacy · Terms of Use".