

Assignment 1

1. Show the details of all employees.

The screenshot shows the Live SQL interface with the query `select * from emp;` executed. The results are displayed in a table with 14 rows and 10 columns: EMPNO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, DEPTNO, PHONENO, and ADDRESS. The table lists employees such as SMITH, ALLEN, WARD, JONES, MARTIN, BLAKE, CLARK, SCOTT, KING, TURNER, ADAMS, JAMES, FORD, and MILLER.

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-

Download CSV
14 rows selected.

2. Show the department no. and name of all departments.

The screenshot shows the Live SQL interface with the query `select deptno, dname from dept;` executed. The results are displayed in a table with 4 rows and 2 columns: DEPTNO and DNAME. The table lists departments: ACCOUNTING, RESEARCH, SALES, and OPERATIONS.

DEPTNO	DNAME
10	ACCOUNTING
20	RESEARCH
30	SALES
40	OPERATIONS

Download CSV
4 rows selected.

3. Display the employee id, name and department no of all employees whose department no is 20.

Live SQL

Feedback Help patradripta@gmail.com

Home

SQL Worksheet

My Session

Schema

Quick SQL

My Scripts

My Tutorials

Code Library

Clear Find Actions Save Run

1 select empno,ename,deptno from emp where deptno=20 ;

EMPNO	ENAME	DEPTNO
7369	SMITH	20
7566	JONES	20
7788	SCOTT	20
7876	ADAMS	20
7902	FORD	20

Download CSV

5 rows selected.

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym

Built with using Oracle APEX - Privacy - Terms of Use

4.Display the details of all employees where department no should be in descending order.

Live SQL

Feedback Help patradripta@gmail.com

Home

SQL Worksheet

My Session

Schema

Quick SQL

My Scripts

My Tutorials

Code Library

Clear Find Actions Save Run

1 select * from emp order by deptno desc;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym

Built with using Oracle APEX - Privacy - Terms of Use

5. Show all available jobs in the employee table.

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `1 select job from emp;`. The results are displayed as a list of job titles: CLERK, SALESMAN, SALESMAN, MANAGER, SALESMAN, MANAGER, MANAGER, ANALYST, PRESIDENT, SALESMAN, CLERK, CLERK, ANALYST, and CLERK.

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

6. Show the name, Annual Salary and department no of employees who works as a clerk in department 20.

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `1 select ENAME, SAL, DEPTNO from EMP where JOB='CLERK' and DEPTNO=20;`. The results are displayed as a table with columns ENAME, SAL, and DEPTNO.

ENAME	SAL	DEPTNO
SMITH	800	20
ADAMS	1100	20

Download CSV
2 rows selected.

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

7. Show the name and HIRED date of those employee whose name start with 'S' or second character is 'C'.

Live SQL

FeedbackHelppatradripta@gmail.com

Home

SQL Worksheet

My Session

Schema

Quick SQL

My Scripts

My Tutorials

Code Library

SQL Worksheet

1 select ENAME, HIREDATE from EMP where ENAME like 'S%' or ENAME like '_C%';

ENAME	HIREDATE
SMITH	17-DEC-80
SCOTT	19-APR-87

Download CSV

2 rows selected.

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with using Oracle APEX - Privacy - Terms of Use

8. Show the name, hire date and salary of those employee who are not a manager.

Live SQL

FeedbackHelppatradripta@gmail.com

Home

SQL Worksheet

My Session

Schema

Quick SQL

My Scripts

My Tutorials

Code Library

SQL Worksheet

1 select ENAME, HIREDATE, SAL from EMP where JOB != 'MANAGER';

ENAME	HIREDATE	SAL
SMITH	17-DEC-80	800
ALLEN	20-FEB-81	1600
WARD	22-FEB-81	1250
MARTIN	28-SEP-81	1250
SCOTT	19-APR-87	3000
KING	17-NOV-81	5000
TURNER	08-SEP-81	1500
ADAMS	23-MAY-87	1100
JAMES	03-DEC-81	950
FORD	03-DEC-81	3000
MILLER	23-JAN-82	1300

Download CSV

2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with using Oracle APEX - Privacy - Terms of Use

9. Display all employee names in title case and length of the name.

Live SQL

Feedback Help patradripta@gmail.com

Home SQL Worksheet Clear Find Actions Save Run

SQL Worksheet

```
1 select initcap(ENAME) as ENAME , length(ENAME) as length from emp;
```

ENAME	LENGTH
Smith	5
Allen	5
Ward	4
Jones	5
Martin	6
Blake	5
Clark	5
Scott	5
King	4
Turner	6
Adams	5
James	5
Ford	4
Miller	6

2024 Oracle · Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym

Built with ❤️ using Oracle APEX · Privacy · Terms of Use

10. Display the name of employee who gets the salary between 4000 to 6000.

Live SQL

Feedback Help patradripta@gmail.com

Home SQL Worksheet Clear Find Actions Save Run

SQL Worksheet

```
1 select ENAME from EMP where SAL between 4000 and 6000;
```

ENAME
KING

Download CSV

2024 Oracle · Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym

Built with ❤️ using Oracle APEX · Privacy · Terms of Use