QUERRY  
  
1.WAQTD THE ANNUAL SALARY OF THE EMPLOYEE WHOS NAME IS SMITH

2.WAQTD NAME OF THE EMPLOYEES WORKING AS CLERK

3.WAQTD SALARY OF THE EMPLOYEES WHO ARE WORKING AS SALESMAN

4.WAQTD DETAILS OF THE EMP WHO EARNS MORE THAN 2000

5.WAQTD DETAILS OF THE EMP WHOS NAME IS JONES

6.WAQTD DETAILS OF THE EMP WHO WAS HIRED AFTER 01- JAN-81

7.WAQTD NAME AND SAL ALONG WITH HIS ANNUAL SALARY IF THE ANNUAL SALARY IS MORE THAN 12000

8.WAQTD EMPNO OF THE EMPLOYEES WHO ARE WORKING IN DEPT 30

9.WAQTD ENAME AND HIREDATE IF THEY ARE HIRED BEFORE 1981

10.WAQTD DETAILS OF THE EMPLOYEES WORKING AS MANAGER

11.WAQTD NAME AND SALARY GIVEN TO AN EMPLOYEE IF EMPLOYEE EARNS A COMMISSION OF RUPEES 1400

12.WAQTD DETAILS OF EMPLOYEES HAVING COMMISSION MORE THAN SALARY

13.WAQTD EMPNO OF EMPLOYEES HIRED BEFORE THE YEAR 87

14.WAQTD DETAILS OF EMPLOYEES WORKING AS AN N ANALYST

15.WAQTD DETAILS OF EMPS EARNING MORE THAN 2000 RUPEES PER MONTH

**ANSWERS**

SQL\*Plus: Release 10.2.0.1.0 - Production on Mon Jan 13 12:51:57 2025

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Connected to:

Oracle Database 10g Enterprise Edition Release 10.2.0.1.0 - Production

With the Partitioning, OLAP and Data Mining options

SQL> SET LINES 200 PAGES 200--

> SELECT \*

SP2-0268: pagesize option not a valid number

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

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

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

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

14 rows selected.

SQL> SELECT SAL\*12 FROM EMP WHERE ENAME='SMITH';

SAL

----------

800

SQL> SELECT ENAME FROM EMP WHERE JOB='CLERK';

ENAME

----------

SMITH

ADAMS

JAMES

MILLER

SQL> SELECT SAL FROM EMP WHERE JOB='SALESMAN';

SAL

----------

1600

1250

1250

1500

SQL> SELECT \* FROM EMP SAL > 2000;

SELECT \* FROM EMP SAL > 2000

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* FROM EMP WHERE SAL > 2000

SQL> /

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7566 JONES MANAGER 7839 02-APR-81 2975 20

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

7902 FORD ANALYST 7566 03-DEC-81 3000 20

6 rows selected.

SQL> SELECT \* FROM EMP WHERE ENAME='JONES';

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7566 JONES MANAGER 7839 02-APR-81 2975 20

SQL> SELECT \* FORM EMP WHERE HIREDATE > 01-JAN-81;

SELECT \* FORM EMP WHERE HIREDATE > 01-JAN-81

\*

ERROR at line 1:

ORA-00923: FROM keyword not found where expected

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* FROM EMP WHERE HIREDATE > 01-JAN-81

SQL> /

SELECT \* FROM EMP WHERE HIREDATE > 01-JAN-81

\*

ERROR at line 1:

ORA-00904: "JAN": invalid identifier

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* FROM EMP WHERE HIREDATE > '01-JAN-81'

SQL> /

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

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

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7902 FORD ANALYST 7566 03-DEC-81 3000 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

13 rows selected.

SQL> SELECT EMPNO FROM EMP WHERE DEPTNO=30;

EMPNO

----------

7499

7521

7654

7698

7844

7900

6 rows selected.

SQL> SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE < 81;

SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE < 81

\*

ERROR at line 1:

ORA-00932: inconsistent datatypes: expected DATE got NUMBER

SQL> ED

Wrote file afiedt.buf

1\* SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE < 01-JAN-81

SQL> /

SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE < 01-JAN-81

\*

ERROR at line 1:

ORA-00904: "JAN": invalid identifier

SQL> ED

Wrote file afiedt.buf

1\* SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE < '01-JAN-81'

SQL> /

ENAME HIREDATE

---------- ---------

SMITH 17-DEC-80

SQL> SELECT \* FROM EMP WHERE JOB='MANAGER';

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7566 JONES MANAGER 7839 02-APR-81 2975 20

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

SQL> SELECT EMPNO FROM EMP WHERE HIREDATE < '01-JAN-87';

EMPNO

----------

7369

7499

7521

7566

7654

7698

7782

7839

7844

7900

7902

EMPNO

----------

7934

12 rows selected.

SQL> SELECT \* FROM EMP WHERE JOB='ANALYST';

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7788 SCOTT ANALYST 7566 19-APR-87 3000 20

7902 FORD ANALYST 7566 03-DEC-81 3000 20

SQL> SELECT \* FROM EMP WHERE SAL > 2000;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7566 JONES MANAGER 7839 02-APR-81 2975 20

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

7902 FORD ANALYST 7566 03-DEC-81 3000 20

6 rows selected.

SQL> SELECT \* FROM WHERE COMM > SAL;

SELECT \* FROM WHERE COMM > SAL

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* EMP FROM WHERE COMM > SAL

SQL> /

SELECT \* EMP FROM WHERE COMM > SAL

\*

ERROR at line 1:

ORA-00923: FROM keyword not found where expected

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* FROM EMP FROM WHERE COMM > SAL

SQL> /

SELECT \* FROM EMP FROM WHERE COMM > SAL

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> ED

Wrote file afiedt.buf

1\* SELECT \* FROM EMP WHERE COMM > SAL

SQL> /

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

SQL> SELECT ENAME,SAL FROM EMP WHERE COMM=1400;

ENAME SAL

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MARTIN 1250

SQL> SELECT ENAME,SAL, SAL\*12

2 FROM EMP

3 WHERE SAL\*12 > 12000;

ENAME SAL SAL\*12

---------- ---------- ----------

ALLEN 1600 19200

WARD 1250 15000

JONES 2975 35700

MARTIN 1250 15000

BLAKE 2850 34200

CLARK 2450 29400

SCOTT 3000 36000

KING 5000 60000

TURNER 1500 18000

ADAMS 1100 13200

FORD 3000 36000

ENAME SAL SAL\*12

---------- ---------- ----------

MILLER 1300 15600