1. List all the **rows** of the table EMP.
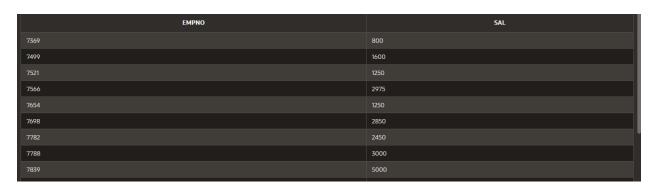
Query: select * from emp

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	12/17/1980	800	-	20
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7566	JONES	MANAGER	7839	04/02/1981	2975	-	20
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	-	10
7788	SCOTT	ANALYST	7566	12/09/1982	3000	-	20
7839	KING	PRESIDENT	-	11/17/1981	5000	-	10
7844	TURNER	SALESMAN	7698	09/08/1981	1500	0	30

2. List the employees where JOB is CLERK and Salary is greater than 1000
   select * from emp
   where job='CLERK' and sal>1000

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7876	ADAMS	CLERK	7788	01/12/1983	1100	-	20

1 rows returned in 0.00 seconds   Download

3. List the employee's **employee id and salary.**
   select empno,sal from emp

EMPNO	SAL
7369	800
7499	1600
7521	1250
7566	2975
7654	1250
7698	2850
7782	2450
7788	3000
7839	5000

4. List the name and hiredate of employees of department **10**.
    select ename,hiredate from emp
    where deptno = 10

ENAME	HIREDATE
CLARK	06/09/1981
KING	11/17/1981

2 rows returned in 0.01 seconds   Download

5. List the name and salary of the whole year and name that as **Annual Salary.**
    select ename,sal*12 as "Annual Salery" from emp

ENAME	Annual Salery
SMITH	9600
ALLEN	19200
WARD	15000
JONES	35700
MARTIN	15000
BLAKE	34200
CLARK	29400
SCOTT	36000
KING	60000
TURNER	18000

6. Show the employee who has **1600** salary.
   select * from emp
   where sal=1600

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30

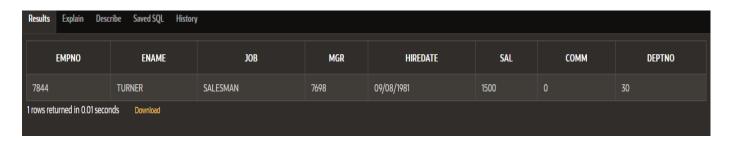1 rows returned in 0.01 seconds   Download

7. List the employees where **salary is greater than 2000.**
   select * from emp
   where sal>2000

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7566	JONES	MANAGER	7839	04/02/1981	2975	-	20
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	-	10
7788	SCOTT	ANALYST	7566	12/09/1982	3000	-	20
7839	KING	PRESIDENT	-	11/17/1981	5000	-	10
7902	FORD	ANALYST	7566	12/03/1981	3000	-	20

6 rows returned in 0.01 seconds   Download

8. List the employees with mgr. no. as **7698.**
   select * from emp
   where mgr=7698

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
7844	TURNER	SALESMAN	7698	09/08/1981	1500	0	30
7900	JAMES	CLERK	7698	12/03/1981	950	-	30

5 rows returned in 0.01 seconds   Download

9. Show the record of "**Turner".**
   select * from emp
   where ename ='TURNER'

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7844	TURNER	SALESMAN	7698	09/08/1981	1500	0	30

1 rows returned in 0.01 seconds   Download

10. List the **President**.
    select * from emp
    where job = 'PRESIDENT'

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT	-	11/17/1981	5000	-	10

1 rows returned in 0.00 seconds   Download

11. List the employees where department number is **30**.
    select * from emp
    where deptno=30

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-	30
7844	TURNER	SALESMAN	7698	09/08/1981	1500	0	30
7900	JAMES	CLERK	7698	12/03/1981	950	-	30

6 rows returned in 0.01 seconds   Download

12. List the employees of department **20**.
    select * from emp
    where deptno=20

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	12/17/1980	800	-	20
7566	JONES	MANAGER	7839	04/02/1981	2975	-	20
7788	SCOTT	ANALYST	7566	12/09/1982	3000	-	20
7876	ADAMS	CLERK	7788	01/12/1983	1100	-	20
7902	FORD	ANALYST	7566	12/03/1981	3000	-	20

5 rows returned in 0.01 seconds   Download

13. List all the employees and add **500** in their salary and name the column as **Bonus**.
    select empno,ename,job,mgr,hiredate,sal,sal+500 "BONUS", comm,deptno from emp

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	BONUS	COMM	DEPTNO
7369	SMITH	CLERK	7902	12/17/1980	800	1300	-	20
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	2100	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	1750	500	30
7566	JONES	MANAGER	7839	04/02/1981	2975	3475	-	20
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1750	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	2850	3350	-	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	2950	-	10

14. List the employees with job title as **'Analyst'**.
    select * from emp
    where job='ANALYST'

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	12/09/1982	3000	-	20
7902	FORD	ANALYST	7566	12/03/1981	3000	-	20

2 rows returned in 0.01 seconds   Download

15. Show employee id, name and **total salary=sal+comm**. (NOTE: column name should be "Total Salary").

    select empno,ename, sal+nvl(comm,0) as "Total Salery" from emp

EMPNO	ENAME	Total Salary
7369	SMITH	-
7499	ALLEN	1900
7521	WARD	1750
7566	JONES	-
7654	MARTIN	2650
7698	BLAKE	-
7782	CLARK	-
7788	SCOTT	-
7839	KING	-
7844	TURNER	1500

16. Rename the column **hiredate** as job **starting date.**

    select empno,ename,job,mgr,hiredate as "Starting Date",sal, comm,deptno from emp

EMPNO	ENAME	JOB	MGR	Starting Date	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	12/17/1980	800	-	20
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7566	JONES	MANAGER	7839	04/02/1981	2975	-	20
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	-	10

17. Show the record where employee **id=7782.**

    select * from emp
    where empno=7782

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7782	CLARK	MANAGER	7839	06/09/1981	2450	-	10

1 rows returned in 0.01 seconds   Download

18. Show the records where **mgr=7782.**
    select * from emp
    where mgr=7782

no data found

19. Show the joining date of **Scott**.
    select ename, hiredate as "Joining Date" from emp
    where ename='SCOTT'

ENAME	Joining Date
SCOTT	12/09/1982

1 rows returned in 0.02 seconds   Download

20. Get the **Weekly-salary** of all the employees and name the column as **Weekly Salary**
    select empno,ename,job,mgr,hiredate,sal/4 as "Weekly Salary", comm,deptno from
    emp

EMPNO	ENAME	JOB	MGR	HIREDATE	Weekly Salary	COMM	DEPTNO
7369	SMITH	CLERK	7902	12/17/1980	200	-	20
7499	ALLEN	SALESMAN	7698	02/20/1981	400	300	30
7521	WARD	SALESMAN	7698	02/22/1981	312.5	500	30
7566	JONES	MANAGER	7839	04/02/1981	743.75	-	20
7654	MARTIN	SALESMAN	7698	09/28/1981	312.5	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	712.5	-	30
7782	CLARK	MANAGER	7839	06/09/1981	612.5	-	10