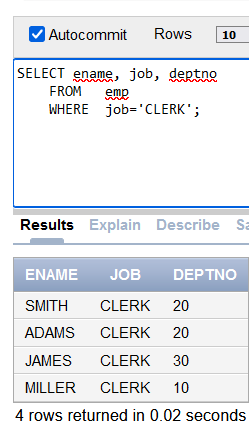
Lab no 3

Slide (4)

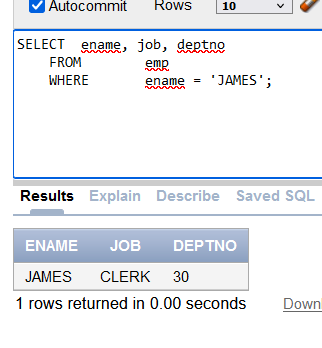
1. SELECT ename, job, deptno FROM emp

WHERE job='CLERK';



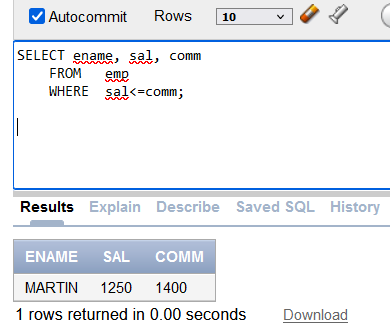
2. SELECT ename, job, deptno FROM emp

WHERE ename = 'JAMES';



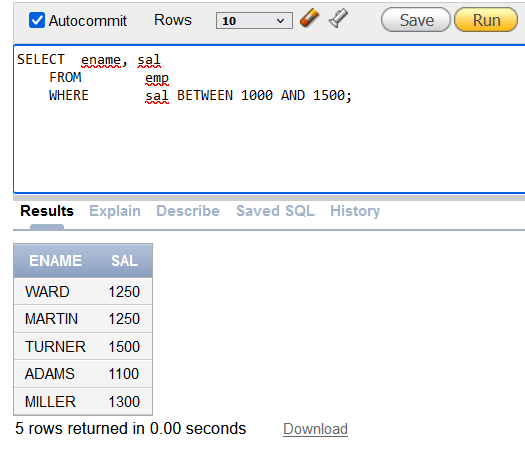
3. SELECT ename, sal, comm FROM emp

WHERE sal<=comm;



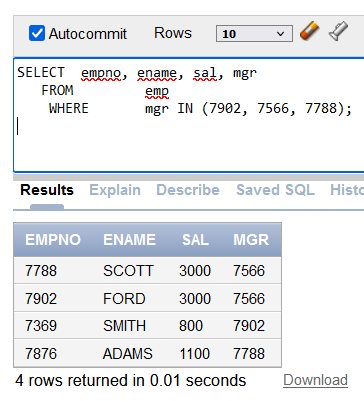
4. SELECT ename, sal FROM emp

WHERE sal BETWEEN 1000 AND 1500;

****

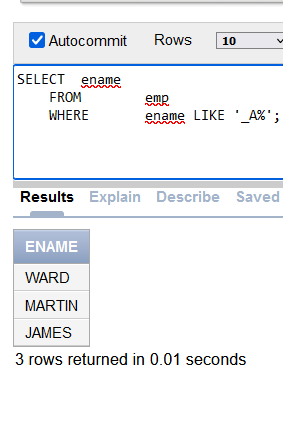
**5.** **SELECT empno, ename, sal, mgr FROM emp**

**WHERE mgr IN (7902, 7566, 7788);**

****

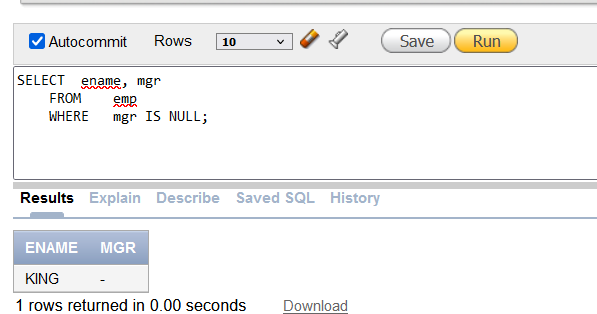
**6.** **SELECT ename FROM emp**

**WHERE ename LIKE '\_A%';**

****

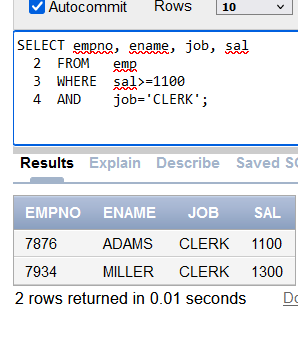
**7.** **SELECT ename, mgr FROM emp**

**WHERE mgr IS NULL;**

****

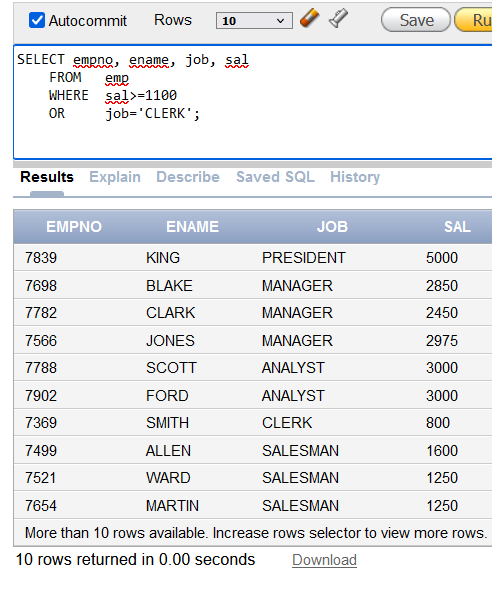
**8.** **SELECT empno, ename, job, sal FROM emp**

**WHERE sal>=1100 AND job='CLERK';**

****

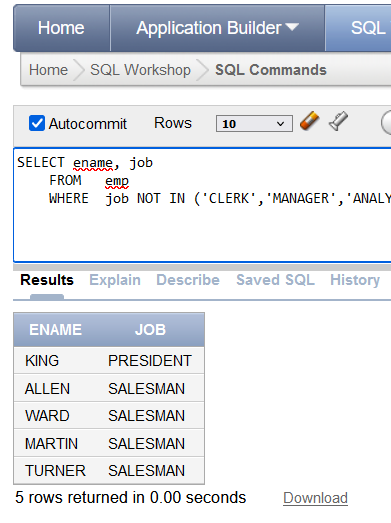
**9.** **SELECT empno, ename, job, sal FROM emp**

**WHERE sal>=1100 OR job='CLERK';**

****

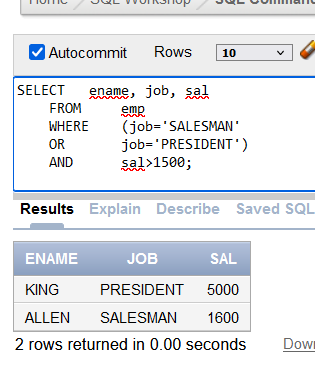
**10.** **SELECT ename, job FROM emp**

**WHERE job NOT IN ('CLERK','MANAGER','ANALYST');**

****

**11.** **SELECT ename, job, sal FROM emp WHERE (job='SALESMAN’ OR job='PRESIDENT')**

**AND sal>1500;**

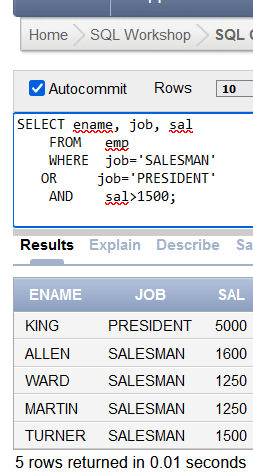
****

**12.** **SELECT ename, job, sal FROM emp**

**WHERE job='SALESMAN'**

**OR job='PRESIDENT'**

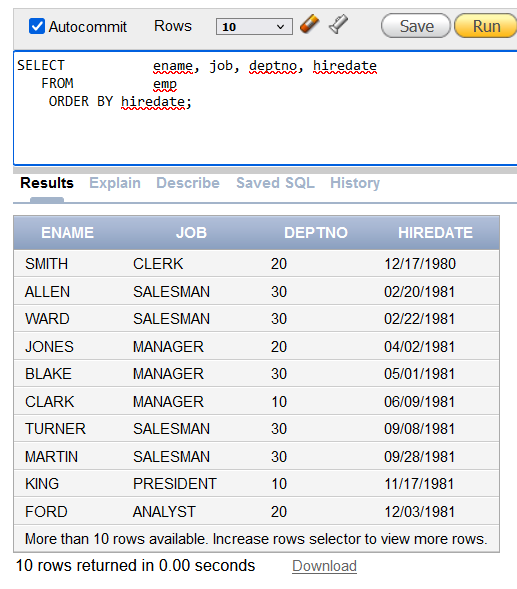
**AND sal>1500;**

****

**13.sort**

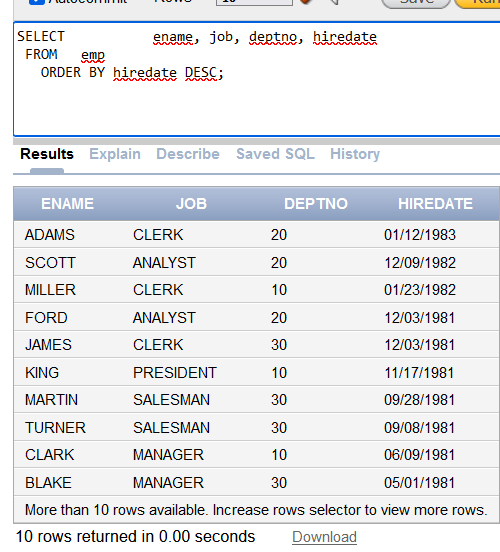
**SELECT ename, job, deptno, hiredate FROM emp**

**ORDER BY hiredate;**

****

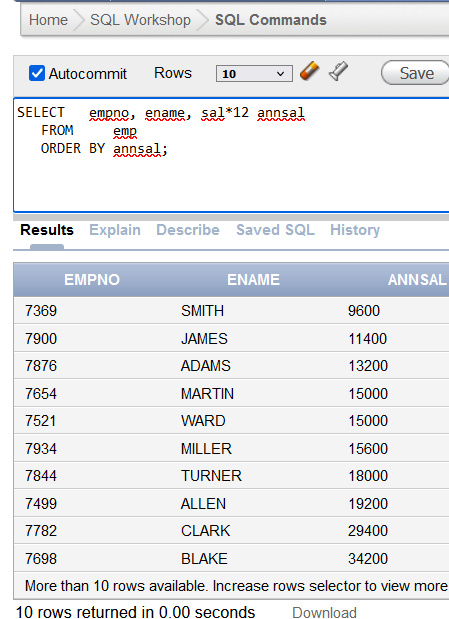
**14.** **SELECT ename, job, deptno, hiredate FROM emp**

**ORDER BY hiredate DESC;**

****

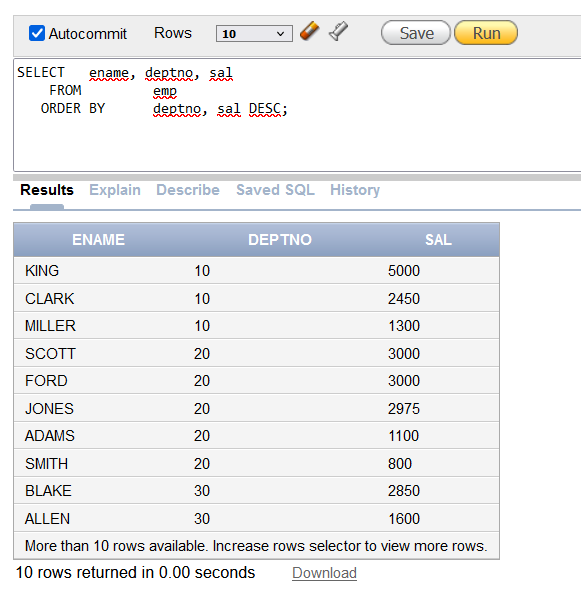
**15.** **SELECT empno, ename, sal\*12 annsal FROM emp**

**ORDER BY annsal;**

****

**16.** **SELECT ename, deptno, sal FROM emp**

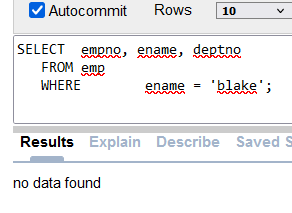
**ORDER BY deptno, sal DESC;**

****

**Slide(6)**

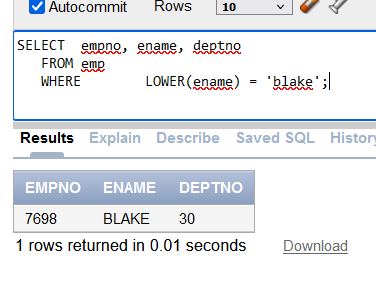
**1.** **SELECT empno, ename, deptno FROM emp**

**WHERE ename = 'blake';**

****

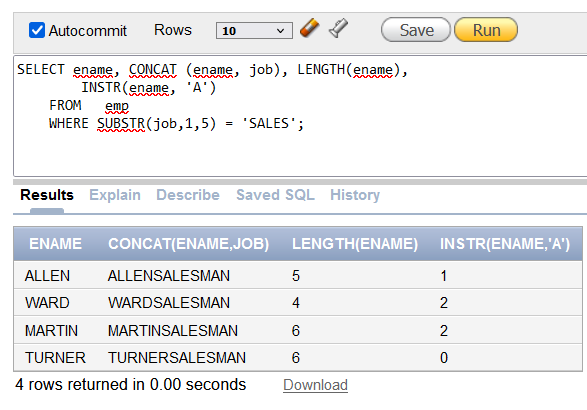
**2.** **SELECT empno, ename, deptno FROM emp**

**WHERE LOWER(ename) = 'blake';**

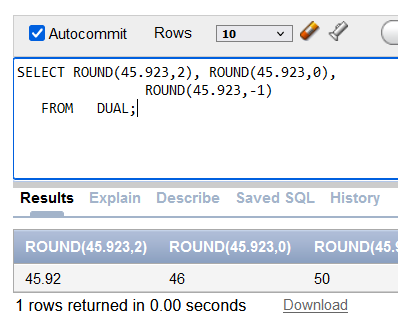
****

**3.** **SELECT ename, CONCAT (ename, job), LENGTH(ename), INSTR(ename, 'A') FROM emp**

**WHERE SUBSTR(job,1,5) = 'SALES';**

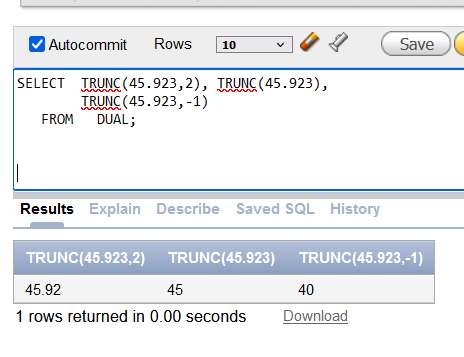
****

**4.** **SELECT ROUND(45.923,2), ROUND(45.923,0), ROUND(45.923,-1) FROM DUAL;**

****

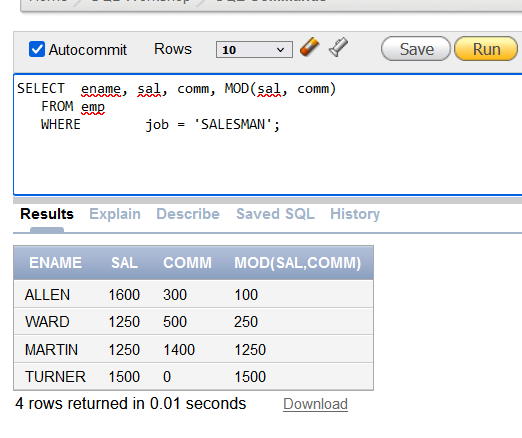
**5.** **SELECT TRUNC(45.923,2), TRUNC(45.923),**

**TRUNC(45.923,-1) FROM DUAL;**

****

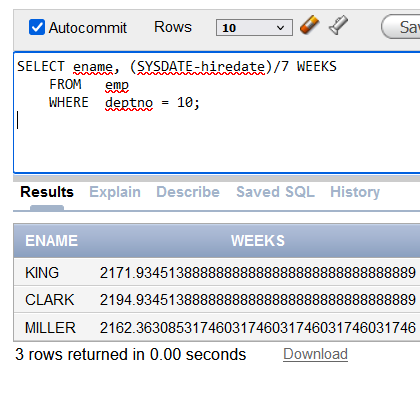
**6.** **SELECT ename, sal, comm, MOD(sal, comm) FROM emp**

**WHERE job = 'SALESMAN';**

****

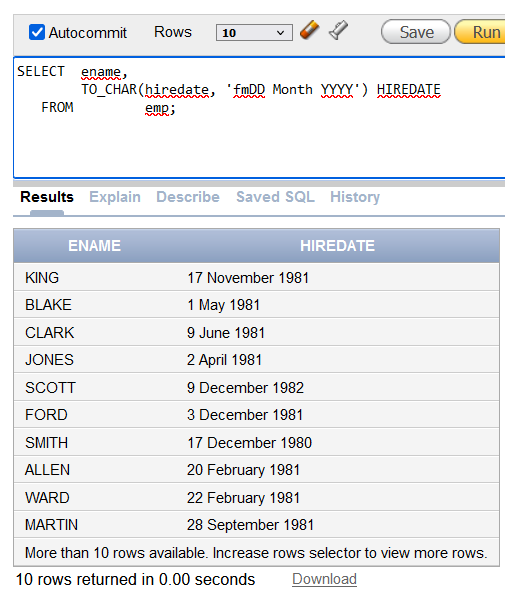
**7.** **SELECT ename, (SYSDATE-hiredate)/7 WEEKS FROM emp**

**WHERE deptno = 10;**

****

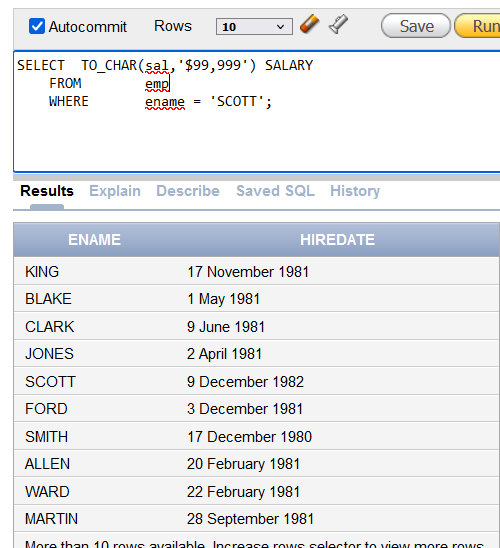
**8.** **SELECT ename, TO\_CHAR(hiredate, 'fmDD Month YYYY') HIREDATE**

**FROM emp;**

****

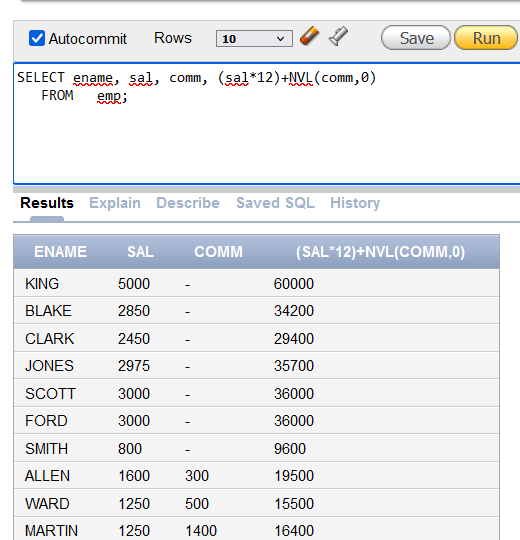
**9.** **SELECT TO\_CHAR(sal,'$99,999') SALARY FROM emp**

**WHERE ename = 'SCOTT';**

****

**10.** **SELECT ename, sal, comm, (sal\*12)+NVL(comm,0)**

**FROM emp;**

****

**11** **SELECT job, sal,**

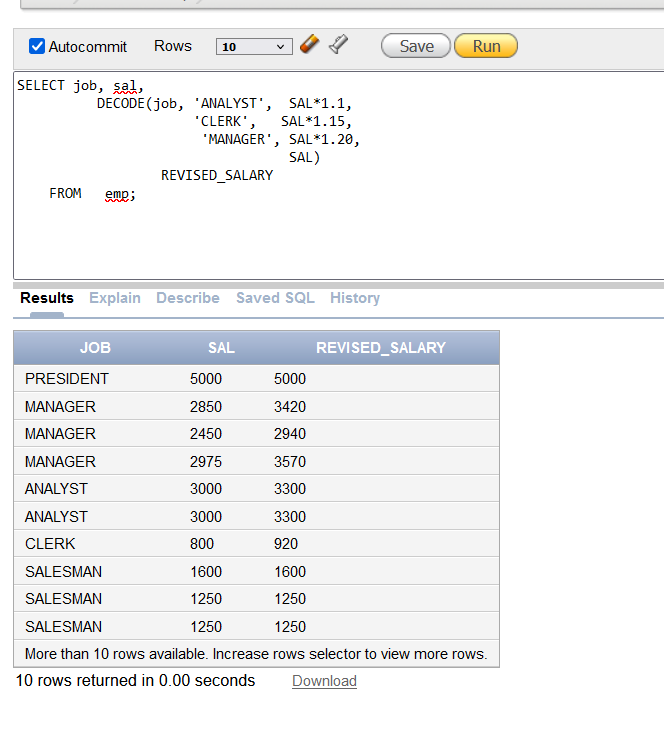
**DECODE(job, 'ANALYST', SAL\*1.1,**

**'CLERK', SAL\*1.15,**

**'MANAGER', SAL\*1.20,**

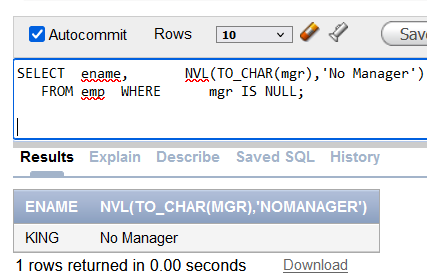
**SAL)**

**REVISED\_SALARY FROM emp;**

****

**12.** **SELECT ename, NVL(TO\_CHAR(mgr),'No Manager')**

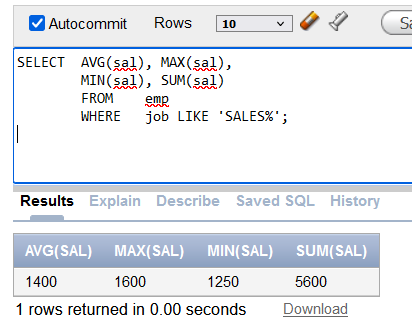
**FROM emp WHERE mgr IS NULL;**

****

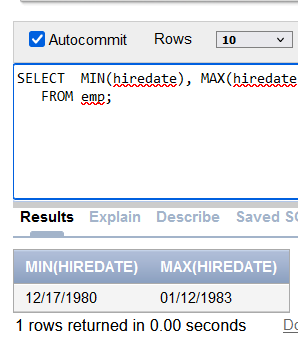
Slide (8 )

**1.SELECT AVG(sal), MAX(sal),MIN(sal), SUM(sal)**

**FROM emp WHERE job LIKE 'SALES%';**

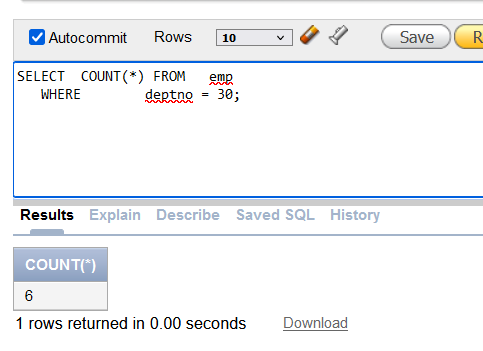
****

**2.** **SELECT MIN(hiredate), MAX(hiredate) FROM emp;**

****

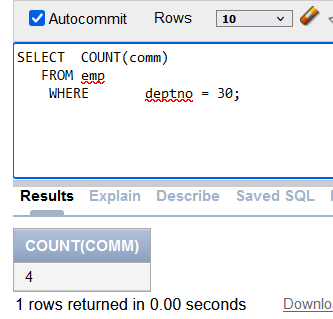
**3.** **SELECT COUNT(\*) FROM emp**

**WHERE deptno = 30;**

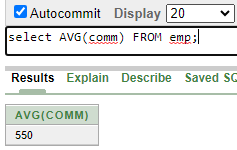
****

**4.** **SELECT COUNT(comm) FROM emp**

**WHERE deptno = 30;**

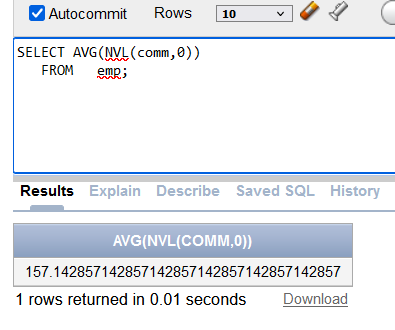
****

**5** .**SELECT AVG(comm) FROM emp;**



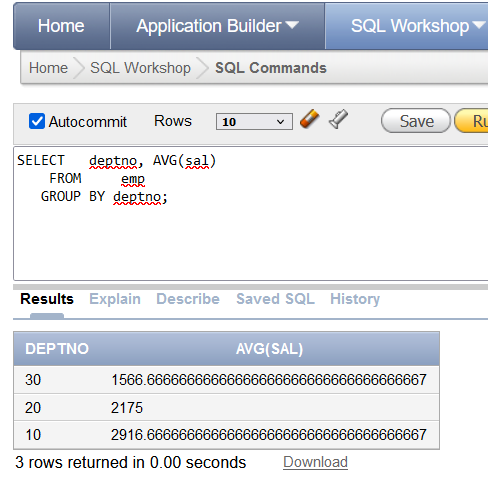
**6. SELECT AVG(NVL(comm,0))**

**FROM emp;**



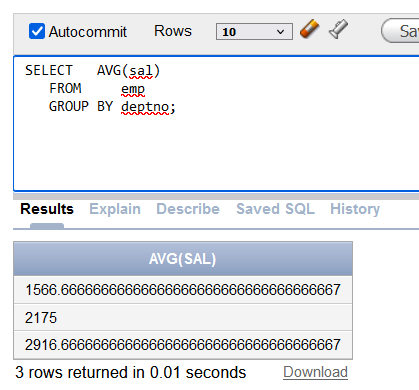
**7. SELECT deptno, AVG(sal)FROM emp**

**GROUP BY deptno;**

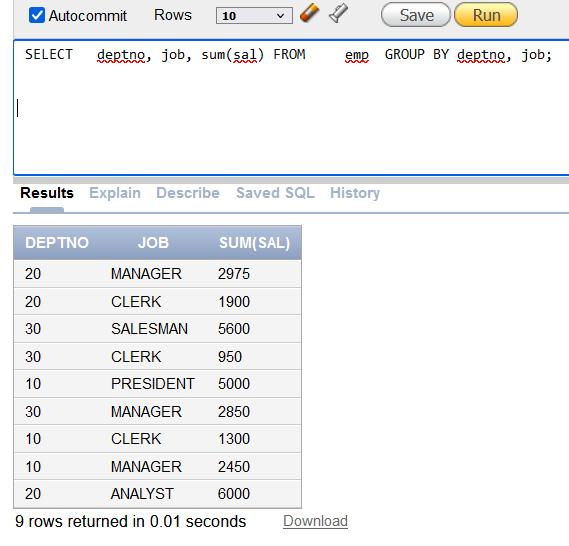
****

**8.** **SELECT AVG(sal)FROM emp**

**GROUP BY deptno;**

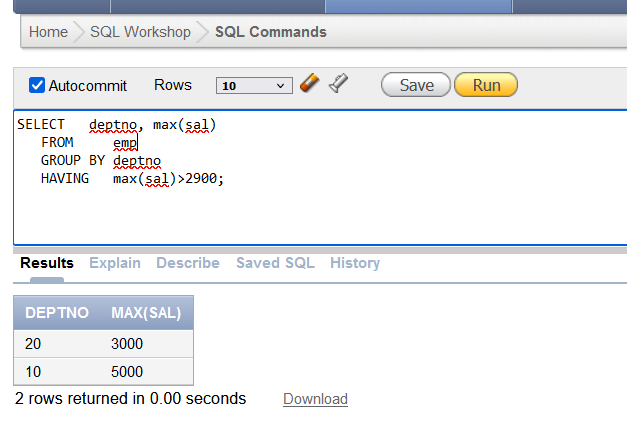
****

**9.** **SELECT deptno, job, sum(sal) FROM emp GROUP BY deptno, job;**

****

**10.** **SELECT deptno, max(sal)FROM emp**

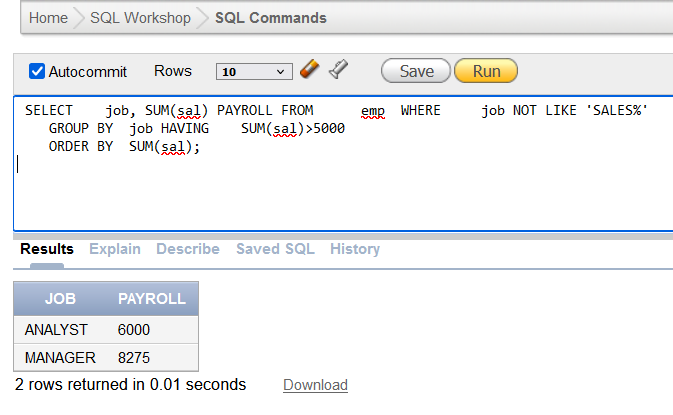
**GROUP BY deptno HAVING max(sal)>2900;**

****

**11.** **SELECT job, SUM(sal) PAYROLL FROM emp WHERE job NOT LIKE 'SALES%'**

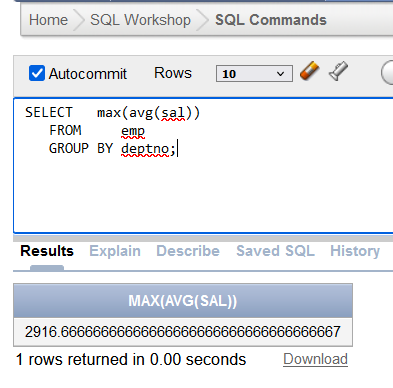
**GROUP BY job HAVING SUM(sal)>5000**

**ORDER BY SUM(sal);**

****

**12.** **SELECT max(avg(sal))FROM emp**

**GROUP BY deptno;**

****