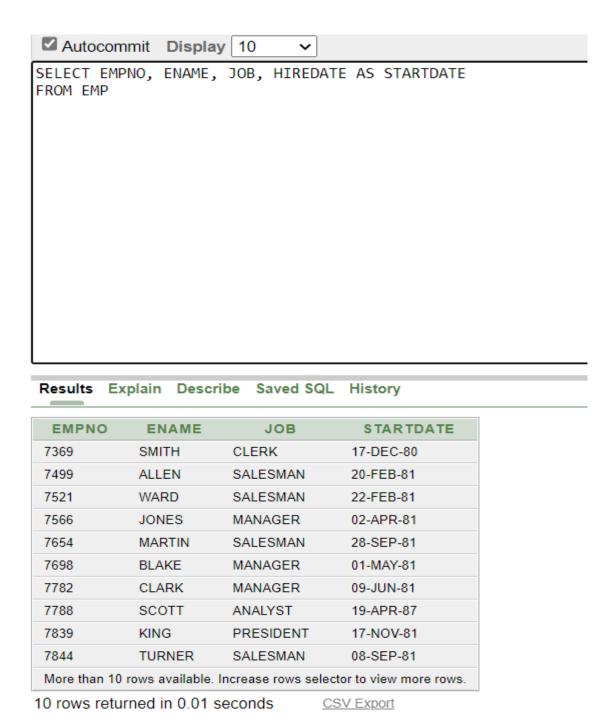
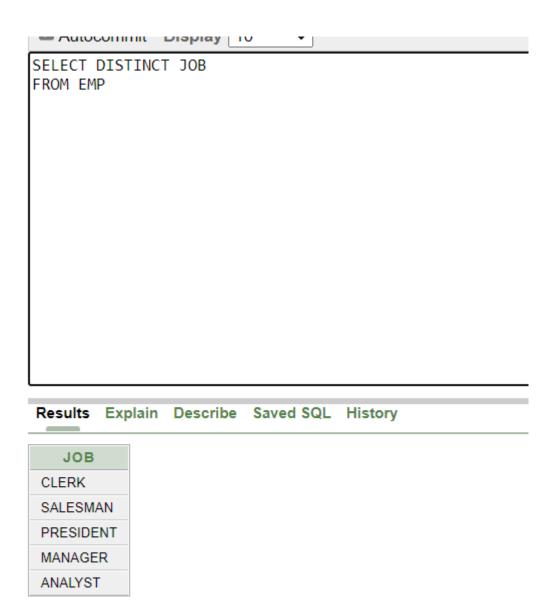
#### **LAB TASK-2**

1. The HR department wants a query to display the ename, job, hiredate, and empno for each employee, with empno appearing first. Provide an alias "STARTDATE" for the HIREDATE column.



2. The HR department needs a query to display all unique job from the EMPLOYEES table.



3. The HR department wants more descriptive column headings for its report on employees. Name the column headings Emp # for empno, Employee for ename, Job for JOB, and Hire Date for HIREDATE, respectively. Then run your query again.

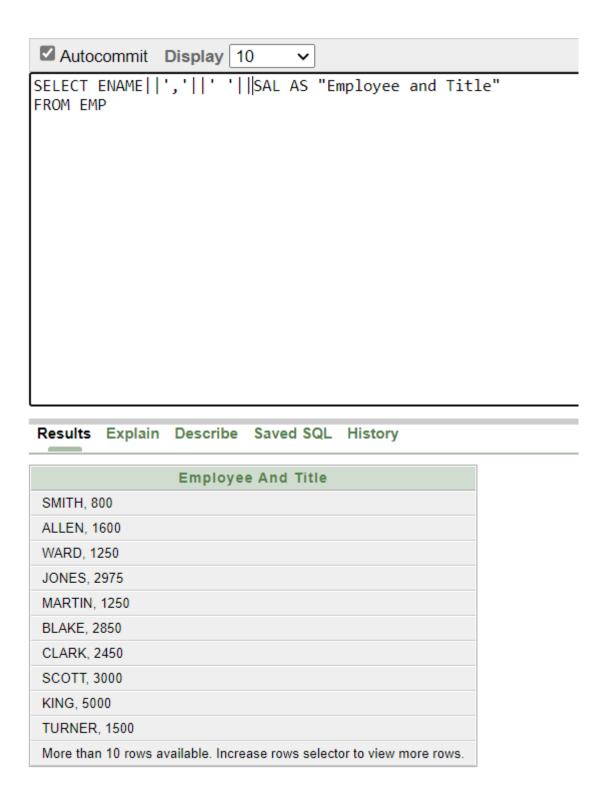
SELECT EMPNO AS "Emp#", ENAME AS "Employee", JOB AS "Job", HIREDATE AS "Hire Date"
FROM EMP

Results	Explain	Describe	Saved SQL	History
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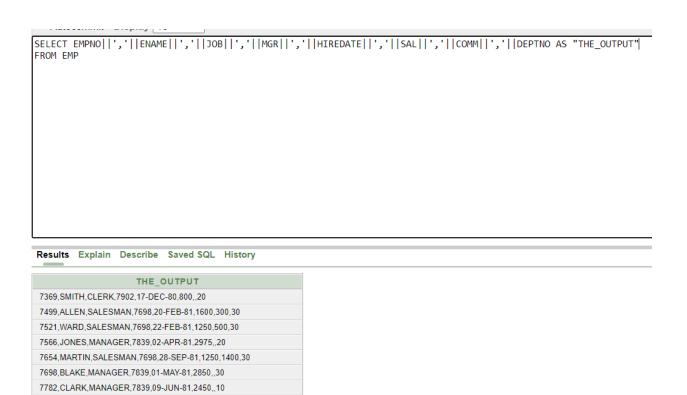
Emp#	Employee	Job	Hire Date	
7369	SMITH	CLERK	17-DEC-80	
7499	ALLEN	SALESMAN	20-FEB-81	
7521	WARD	SALESMAN	22-FEB-81	
7566	JONES	MANAGER	02-APR-81	
7654	MARTIN	SALESMAN	28-SEP-81	
7698	BLAKE	MANAGER	01-MAY-81	
7782	CLARK	MANAGER	09-JUN-81	
7788	SCOTT	ANALYST	19-APR-87	
7839	KING	PRESIDENT	17-NOV-81	
7844	TURNER	SALESMAN	08-SEP-81	
More than 10 rows available. Increase rows selector to view more rows.				

<sup>10</sup> rowe returned in 0 00 seconds

4. The HR department has requested a report of all employees and their salary. Display the ename concatenated with the salary (separated by a comma and space) and name the column Employee and Title.



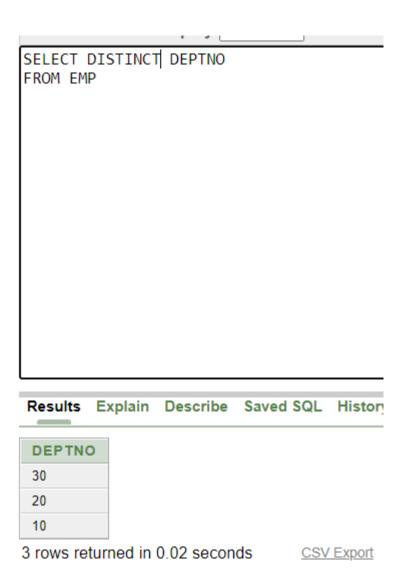
5.To familiarize yourself with the data in the EMP table, create a query to display all the data from that table. Separate each column output by a comma. Name the column title THE\_OUTPUT.



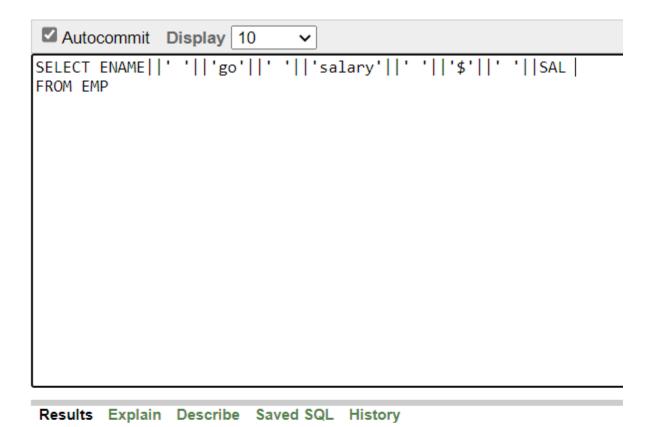
7788,SCOTT,ANALYST,7566,19-APR-87,3000,,20 7839,KING,PRESIDENT,,17-NOV-81,5000,,10 7844,TURNER,SALESMAN,7698,08-SEP-81,1500,0,30

More than 10 rows available. Increase rows selector to view more rows.

## 6. List the deptno from emp uniquely.



7. Show the information of all employees like "SMITH go salary \$ 800".



ENAME  "  'GO'  "  'SALARY'  "  '\$'  "  SAL
SMITH go salary \$ 800
ALLEN go salary \$ 1600
WARD go salary \$ 1250
JONES go salary \$ 2975
MARTIN go salary \$ 1250
BLAKE go salary \$ 2850
CLARK go salary \$ 2450
SCOTT go salary \$ 3000
KING go salary \$ 5000
TURNER go salary \$ 1500
More than 10 rows available. Increase rows selector to view more rows.

# 8. Check whether all the empno are indeed unique.

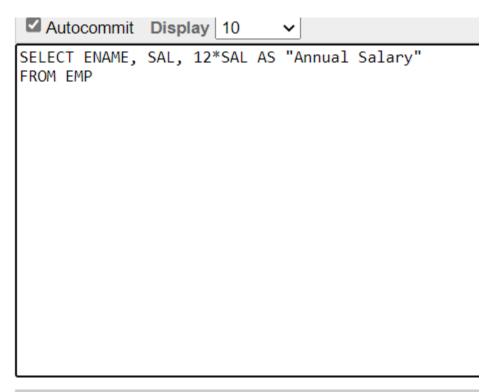
SELECT EMPNO,

COUNT (\*)
FROM EMP
GROUP BY EMPNO

Results	Explain	Describe	Saved SQL	History

EMP	NO COUNT(*)
7369	1
7499	1
7521	1
7566	1
7654	1
7698	1
7782	1
7788	1
7839	1
7844	1
More than 10 rov	vs available. Increase rows selector to view more rows.

9. List "Annual salary" for all employee use column aliasing.



Results	Explain	Describe	Saved SQL	History
ENA	ME	SAL	Ann	ual Salary

ENAME	SAL	Annual Salary		
SMITH	800	9600		
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		
More than 10 rows available. Increase rows selector to view more rows.				

10 rows returned in 0.01 seconds

**CSV Export** 

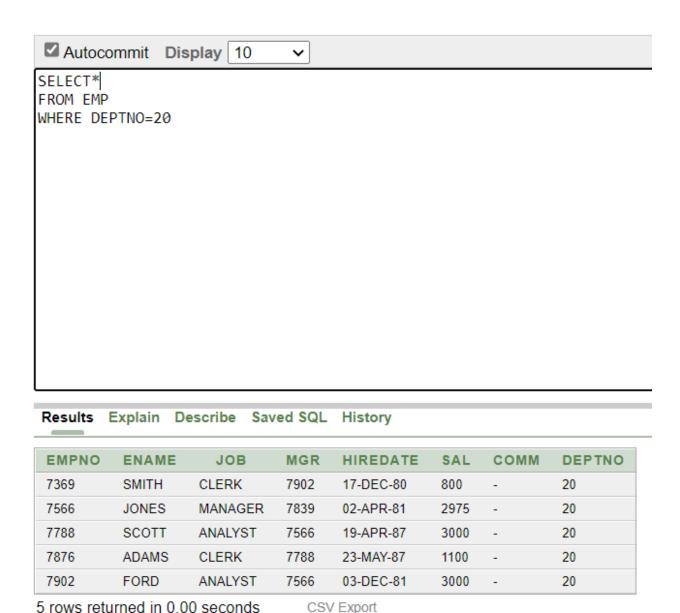
10.List the information for all employee whose job is either MANAGER or ANALYST.

SELECT\* FROM EMP WHERE JOB IN ('MANAGER', 'ANALYST')

Results	Explain D	escribe Sav	ved SQL	History			
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
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20

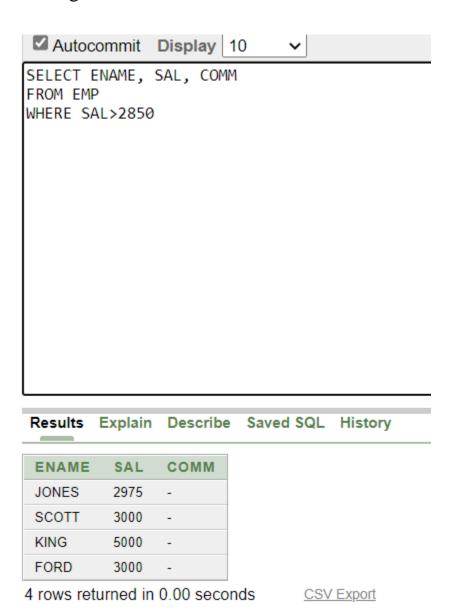
5 rows returned in 0.02 seconds CSV Export

### 11. List the department name whose department no is 20.

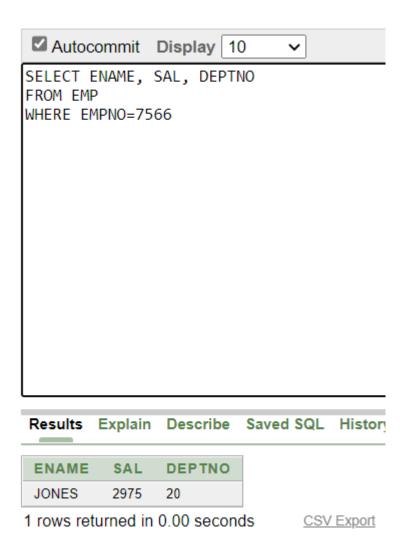


#### **Practice-2:**

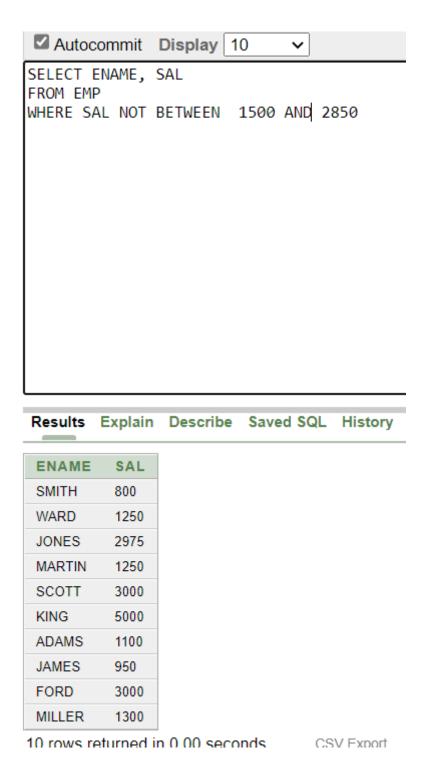
1.Create a query to display the name, salary, commision of employees earning more than \$2850.



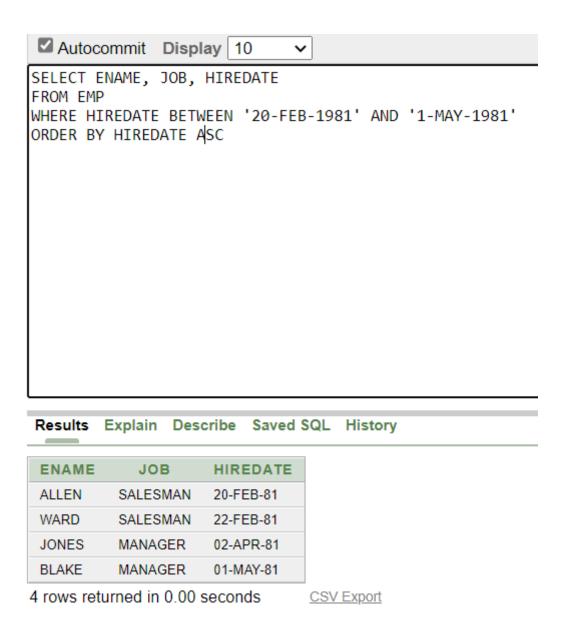
2.Create a query to display the employee name, salary and department number for employee number 7566.



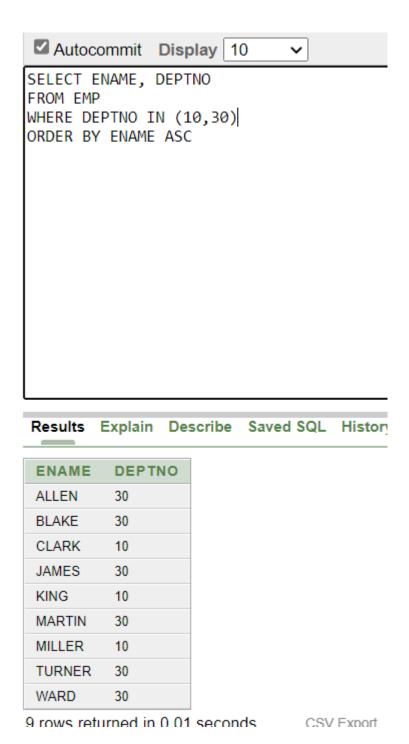
3.Display the name and salary for all employees whose salary is not in the range of \$1500 and \$2850.



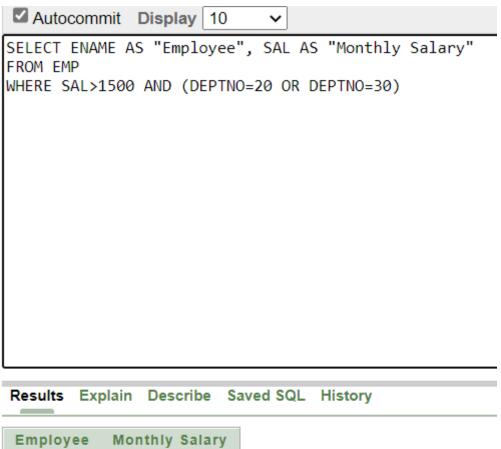
4.Display the employee name, job, and start date of employees hired between February 20, 1981, and May 1, 1981. Order the query in ascending order by start date.



5.Display the employee name and department number of all employees in departments 10 and 30 in alphabetical order by name.



6.Display list the name and salary of employees who earn more than \$1500 and in department 10 or 30. Label the columns Employee and Monthly Salary, respectively



Employee Monthly Salary

ALLEN 1600

JONES 2975

BLAKE 2850

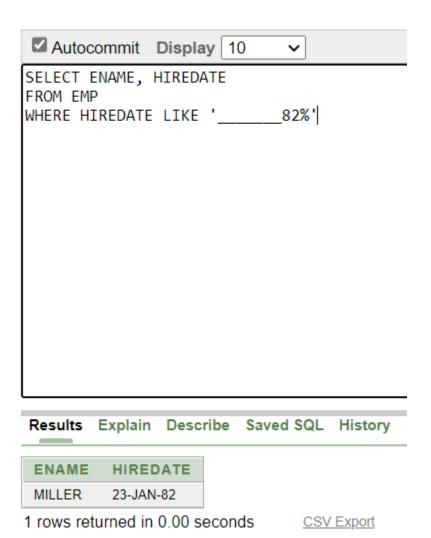
SCOTT 3000

FORD 3000

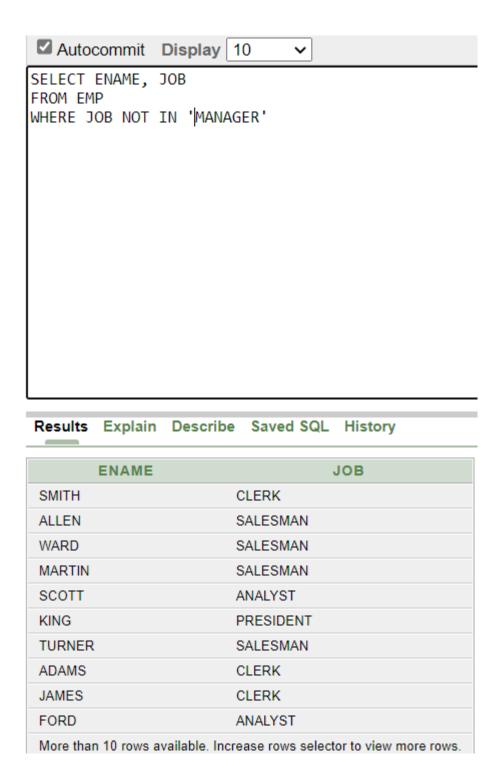
5 rows returned in 0.00 seconds

CSV Export

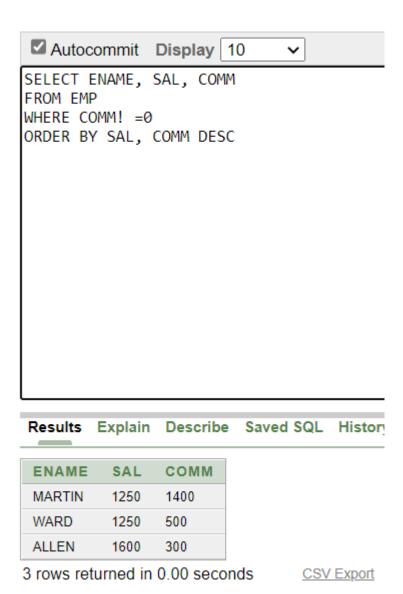
7. Display the name and hire date of every employee who was hired in 1982.



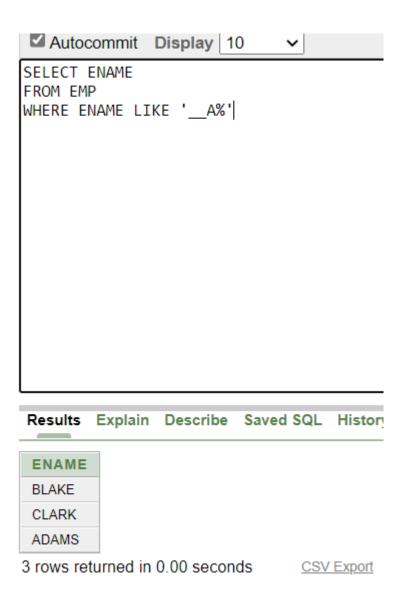
8.Display the name and job title of all employees who do not have a manager.



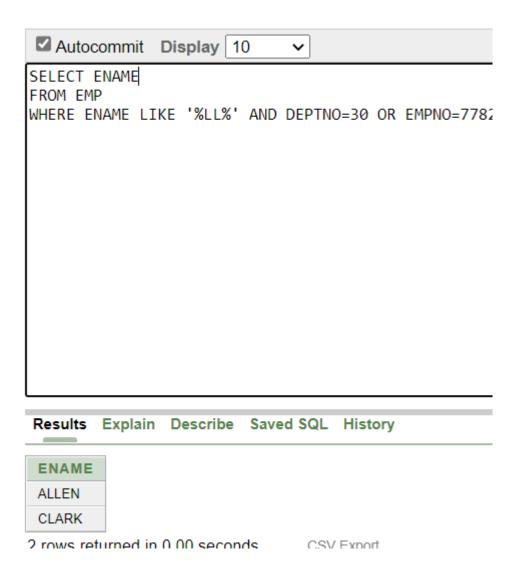
9.Display the name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.



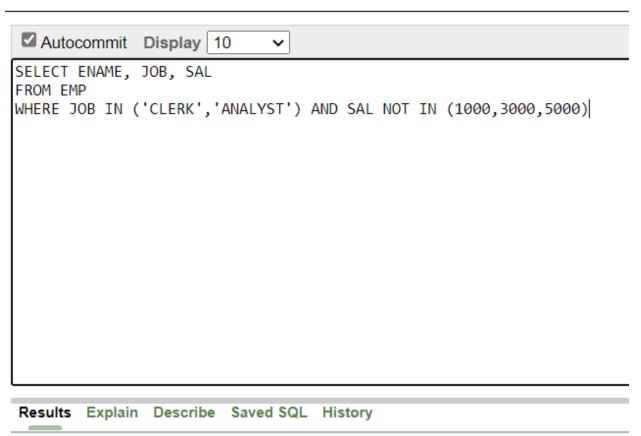
10. Display the names of all employees where the third letter of their name is an A.



11.Display the name of all employees who have two *L*s in their name and are in department 30 or their manager is 7782.



12. Display the name, job, and salary for all employees whose job is Clerk or Analyst and their salary is not equal to \$1000, \$3000, or \$5000.



ENAME	JOB	SAL
SMITH	CLERK	800
ADAMS	CLERK	1100
JAMES	CLERK	950
MILLER	CLERK	1300

4 rows returned in 0.01 seconds

CSV Export

13. Display the name, salary, and commission for all employees whose commission amount is greater than their salary increased by 10%.

