DATABASE LAB TASK 2

PRACTICE 2

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

```
SELECT ENAME NAME, SAL SALARY, COMM AS "COMMISION" FROM EMP WHERE SAL>2850;
```
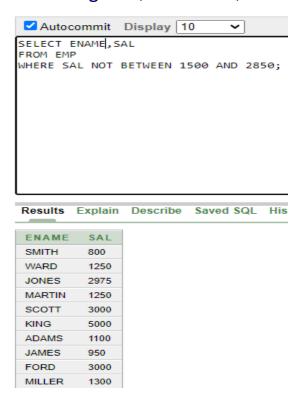
Results   Explain   Describe   Saved SQL   History

NAME	SALARY	COMMISION
JONES	2975	-
SCOTT	3000	-
KING	5000	-
FORD	3000	-

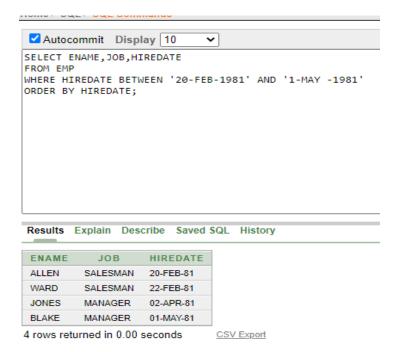## 2.Create a query to display the employee name,salary and department number for employee number 7566.

```
SELECT ENAME NAME, SAL SALARY, DEPTNO AS "DEPARTMENT NUMBER" FROM EMP WHERE EMPNO='7566';
```

Results Explain Describe Saved SQL History

NAME	SALARY	DEPARTMENT NUMBER
JONES	2975	20

1 rows returned in 0.03 seconds   CSV Export

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

☑ Autocommit Display 10 ⌄

```
SELECT ENAME,SAL
FROM EMP
WHERE SAL NOT BETWEEN 1500 AND 2850;
```

Results Explain Describe Saved SQL His

ENAME	SAL
SMITH	800
WARD	1250
JONES	2975
MARTIN	1250
SCOTT	3000
KING	5000
ADAMS	1100
JAMES	950
FORD	3000
MILLER	1300

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.
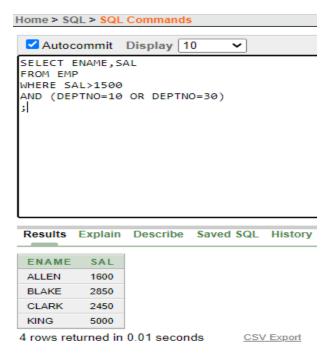
☑Autocommit Display 10 ▾

```
SELECT ENAME,JOB,HIREDATE
FROM EMP
WHERE HIREDATE BETWEEN '20-FEB-1981' AND '1-MAY -1981'
ORDER BY HIREDATE;
```

Results Explain Describe Saved SQL History

ENAME	JOB	HIREDATE
ALLEN	SALESMAN	20-FEB-81
WARD	SALESMAN	22-FEB-81
JONES	MANAGER	02-APR-81
BLAKE	MANAGER	01-MAY-81

4 rows returned in 0.00 seconds   CSV Export

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

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☑Autocommit Display 10 ▾

```
SELECT ENAME,DEPTNO
FROM EMP
WHERE DEPTNO IN(10,30)
ORDER BY ENAME;
```

Results Explain Describe Saved SQL History

ENAME	DEPTNO
ALLEN	30
BLAKE	30
CLARK	10
JAMES	30
KING	10
MARTIN	30
MILLER	10
TURNER	30
WARD	30

9 rows returned in 0.00 seconds   CSV Export

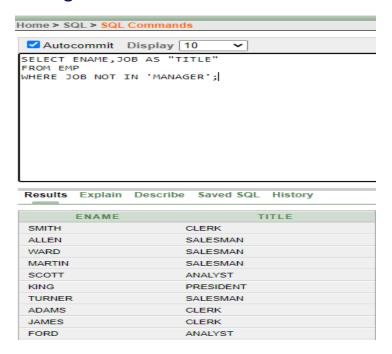6.Display list the name and salary of employees who earn more than $1500 and in department 10 or 30. Label the columns Employee and Monthly Salary, respectively.

☑ Autocommit Display 10 ▾

```
SELECT ENAME,SAL
FROM EMP
WHERE SAL>1500
AND (DEPTNO=10 OR DEPTNO=30)
;
```

Results Explain Describe Saved SQL History

ENAME	SAL
ALLEN	1600
BLAKE	2850
CLARK	2450
KING	5000

4 rows returned in 0.01 seconds   CSV Export

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

☑ Autocommit Display 10 ▾

```
SELECT ENAME,HIREDATE
FROM EMP
WHERE HIREDATE LIKE '_____82%'
;
```

Results Explain Describe Saved SQL History

ENAME	HIREDATE
MILLER	23-JAN-82

1 rows returned in 0.02 seconds   CSV Export

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

```
Autocommit  Display 10        v
SELECT ENAME,JOB AS "TITLE"
FROM EMP
WHERE JOB NOT IN 'MANAGER';
```

Results Explain Describe Saved SQL History

ENAME	TITLE
SMITH	CLERK
ALLEN	SALESMAN
WARD	SALESMAN
MARTIN	SALESMAN
SCOTT	ANALYST
KING	PRESIDENT
TURNER	SALESMAN
ADAMS	CLERK
JAMES	CLERK
FORD	ANALYST

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

```
Autocommit  Display 10        v
SELECT ENAME,SAL, COMM AS "COMMISSION"
FROM EMP
WHERE COMM IS NOT NULL
ORDER BY SAL, COMM DESC;
```

Results Explain Describe Saved SQL History

ENAME	SAL	COMMISSION
MARTIN	1250	1400
WARD	1250	500
TURNER	1500	0
ALLEN	1600	300

4 rows returned in 0.00 seconds   CSV Export

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

☑Autocommit Display 10 ▾

```
SELECT ENAME
FROM EMP
WHERE ENAME LIKE '__A%';
```

Results Explain Describe Saved SQL History

ENAME
BLAKE
CLARK
ADAMS

3 rows returned in 0.00 seconds   CSV Export

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

☑Autocommit Display 10 ▾

```
SELECT ENAME
FROM EMP
WHERE ENAME LIKE '%LL%'
AND DEPTNO=30
OR MGR=7782;
```

Results Explain Describe Saved SQL History

ENAME
ALLEN
MILLER

2 rows returned in 0.03 seconds   CSV Export

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.

☑Autocommit Display 10 ⌄

```
SELECT ENAME,JOB,SAL
FROM EMP
WHERE JOB='CLERK' OR JOB='ANALYST'
AND SAL NOT IN(1000,3000,5000);
```

Results Explain Describe Saved SQL History

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

4 rows returned in 0.00 seconds   CSV Export

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

☑Autocommit Display 10 ⌄

```
SELECT ENAME,SAL,COMM
FROM EMP
WHERE COMM>SAL+(SAL*10/1000);
```

Results Explain Describe Saved SQL History

ENAME	SAL	COMM
MARTIN	1250	1400

1 rows returned in 0.00 seconds   CSV Export