

# DATABASE MANAGEMENT SYSTEM

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EXP: 6

## RESTRICTING AND SORTING DATA

1. SELECT Last\_Name, Salary from EXP6 where SALARY>12000;

LAST_NAME	SALARY
Johnson	15000
Brown	20000
Davis	75000
Taylor	16000
Brown	20000
Davis	75000
Taylor	16000

2. SELECT LAST\_NAME, DEPT\_NO from EXP6 where ENO=176;

LAST_NAME	DEPARTMENT_NUMBER
Davis	20

3. SELECT LAST\_NAME, SALARY FROM EXP6 WHERE SALARY NOT BETWEEN 5000 AND 12000;

LAST_NAME	SALARY
Johnson	15000
Brown	20000
Davis	75000
Taylor	16000
Brown	20000
Davis	75000
Taylor	16000

4. SELECT LAST\_NAME, JOB\_ID, HIRE\_DATE FROM EXP6 WHERE HIRE\_DATE BETWEEN '02-20-1998' AND '05-01-1998;
5. SELECT LAST\_NAME,DEPT\_NO FROM EXP6 WHERE DEPT\_NO IN(20,50) ORDER BY LAST\_NAME ASC;
6. select LAST\_NAME AS EMPLOYEE, SALARY AS MONTHLY\_SALARY FROM EXP6 WHERE SALARY BETWEEN 5000 AND 12000 AND DEPT\_NO IN(104,105) ORDER BY last\_name;

EMPLOYEE	MONTHLY_SALARY
Jones	7500
Moore	11500

7. select LAST\_NAME,HIRE\_DATE FROM EXP6 WHERE HIRE\_DATE LIKE '%1998';

LAST_NAME	HIRE_DATE
Smith	05/01/1998
Moore	02/20/1998

8. SELECT LAST\_NAME,JOB\_ID FROM EXP6 WHERE JOB\_ID IS NULL;

LAST_NAME	JOB_ID
Smith	Sales Representative
Davis	Sales Representative
Taylor	Sales Representative

9. SELECT LAST\_NAME, SALARY, COMMISSION FROM EXP6 WHERE COMMISSION IS NOT NULL ORDER BY SALARY,COMMISSION DESC;

LAST_NAME	SALARY	COMMISSION
Wilson	6500	2500
Wilson	6500	2500
Smith	10000	1000
Moore	11500	1500
Moore	11500	1500
Johnson	15000	3000
Brown	20000	2400
Brown	20000	2400

10.SELECT LAST\_NAME FROM EXP6 WHERE LAST\_NAME LIKE '\_\_a%';

Results	Exp
no data found	

11.SELECT LAST\_NAME FROM EXP6 WHERE LAST\_NAME LIKE '%a' or  
LAST\_NAME LIKE '%e';

LAST_NAME
Moore

12.SELECT LAST\_NAME, DEPARTMENT, SALARY FROM EXP6 WHERE  
DEPARTMENT IN('HR','Finance') AND SALARY NOT IN(2500,3500,7000);

LAST_NAME	DEPARTMENT	SALARY
Smith	HR	10000
Johnson	Finance	15000
Miller	Finance	9000
Wilson	HR	6500
Miller	Finance	9000
Wilson	HR	6500