**EXPERIMENT NO:** 6 DATE: 04-09-24

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## **RESTRICTING AND SORTING DATA**

1) Create a query to display the last name and salary of employees earning more than 12000.

select salary , last\_name from employees where salary > 12000;

SALARY	LAST_NAME
13500	Austin
6 rows returned in 0.01 seconds Download	

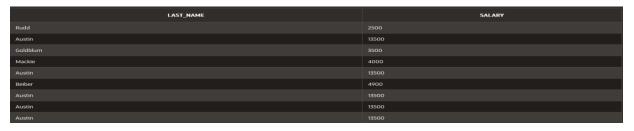
2) Create a query to display the employee last name and department number for employeenumber 176.

select last\_name , department\_id from employees where employee\_id = 176;



3) Create a query to display the last name and salary of employees whose salary is not in the range of 5000 and 12000.

select last\_name, salary from employees where salary not between 5000 and 12000;





4) Display the employee last name, job ID, and start date of employees hired betweenFebruary 20,1998 and May 1,1998.order the query in ascending order by start date.(hints: between)

select last\_name, job\_id, hire\_date from employees where hire\_date between '02-20-1998' and '05-01-1998';



5) Display the last name and department number of all employees in departments 20 and 50 in alphabetical order by name.

select last\_name, department\_id from employeeswhere department\_id = 20 or department\_id = 50 order by last\_name;



6) Display the last name and salary of all employees who earn between 5000 and 12000 and are in departments 20 and 50 in alphabetical order by name. Label the columns EMPLOYEE, MONTHLY SALARY respectively.

select last\_name as "EMPLOYEE", salary as "MONTHLY SALARY" from employees where department\_id in (20,50) and salary between 5000 and 12000 order by last\_name;



7) Display the last name and hire date of every employee who was hired in 1994.select

last\_name, hire\_date from employees

where hire\_date like '%1994%';



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

select e.last\_name, d.dept\_name from employees ejoin
department d
on e.department\_id = d.dept\_id where
not(dept\_name = 'manager');



9) Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions. (hints: is not nul, orderby)

select last\_name,salary,commission\_pct from employeeswhere commission\_pct is not null order by salary,commission\_pct desc;



10) Display the last name of all employees where the third letter of the name is a.

select last\_name from employees where last\_name like '\_a%';



11) Display the last name of all employees who have an a and an e in their last name.

SELECT last\_name FROM employees WHERE last\_name LIKE '%a%' AND last\_name LIKE '%e%';



12) Display the last name and job and salary for all employees whose job is sales representative or stock clerk and whose salary is not equal to 2500 ,3500 or 7000/.

SELECT e.last\_name,e.salary,d.dept\_name FROM employees ejoin department d on e.department\_id = d.dept\_id WHERE (dept\_name in ('stock clerk','sales representative')) and (salary not in(2500,3500,7000));

