```
SELECT last_name, salary*12 annsal , job_id,department_id,hire_date
FROM employees
ORDER BY annsal;
```

Example:4
Sorting by Multiple columns

```
SELECT last_name, salary , job_id,department_id,hire_date
FROM employees
ORDER BY department_id, salary DESC;
```

Find the Solution for the following:

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

> Select lastname, salary from employees where
> salary > 12000;

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

> Select lastname, dept number from employees where
> emp number = 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. (hints: not between)

> Select lastname, salary from employees where
> salary < 5000 and salary > 12000;

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

> Select last-name, job-ID, start-date from employees
> where start date BETWEEN '02-20-1998' AND'05-01-1998'
> order by (start-date);

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

Select last-name, department-number from employees where department-number in (20, 50) orderby (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.(hints: between, in)

Select last-name AS EMPLOYEE, Salary as MONTHLY_SALARY from employee where (salary between 5000 AND 12000) AND (department-number in (20, 50));

7. Display the last name and hire date of every employee who was hired in 1994.(hints: like)

Select last-name, hiredate from employee where hiredate LIKE '%1994';

8. Display the last name and job title of all employees who do not have a manager.(hints: is null)

Select last-name, job-title from employees where manager_id IS NULL;

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 from employees where Commission IS NOT NULL Order by (Salary, Commission).

10.   Display the last name of all employees where the third letter of the name is *a*.(hints:like)

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.(hints: like)

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.(hints:in,not in)

Select last_name, job_title, salary from employees where job_title IN ('Sales Representative', 'Stock Clerk') AND salary NOT IN (2500,3500, 7000);

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	