Group By

The GROUP BY statement groups rows that have the same values into summary rows. The GROUP BY statement is often used with aggregate functions (COUNT(), MAX(), MIN(), SUM(), AVG()) to group the result-set by one or more columns.

SELECT department FROM employees GROUP BY department;
SELECT department, COUNT(emp_id) FROM employees GROUP BY department;
SELECT department, COUNT(designation) FROM employees GROUP BY department;

MAX
SELECT MAX(salary) FROM employees;

MIN
SELECT MIN(salary) FROM employees;

Sub queries
SELECT emp_id, fname, salary FROM employees WHERE salary=(SELECT MAX(salary) FROM employees);
SELECT emp_id, fname, salary FROM employees WHERE salary=(SELECT MIN(salary) FROM employees);