

## SQL Chapter 4 Grouping & Group Functions FSN

## 5 Group Functions

Sum

Max

Min

Avg

Count

select max(sal) "max\_salary" from emp;

### Grouping

- process of computing the aggregates by segregating based on one or more columns,
- is done by 'Group by' clause

### Having

- to filter grouped data
- while [where] to filter non grouped data.
  - ↳ used before group by clause
- having to be used after group by

### Restrictions on Grouping

- we can select only columns <sup>in select 's'</sup> that are part of 'group by' statement, <sup>'query part'</sup>
- if we <sup>try</sup> selecting a column other than that in group by statement will throw error

but sum(sal)  
aggregate function - can be put

→ whatever is select statement must be is  
group by, but whatever is group by need  
not be is select state