

# 查询

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基础结构三部分; select - from - where

```
♦ SELECT [DISTINCT | ALL]
    { * | [columnExpression [AS newName]] [, ...] }
FROM TableName [alias] [, ...]
[WHERE condition]
[GROUP BY columnList] [HAVING condition]
[ORDER BY columnList];
```

书写顺序不可以改变，但逻辑思考过程如下：

## ♣ The sequence of processing in a select command

- |          |  |
|----------|--|
| ♦ FROM   | specifies the table or tables to be used                         |
| WHERE    | filters the rows subject to some condition                       |
| GROUP BY | forms groups of rows with the same attribute (column) value      |
| HAVING   | filters the groups subject to some attribute (column)            |
| SELECT   | specifies which attributes (columns) are to appear in the output |
| ORDER BY | specifies the order of the output                                |