需求:查询所有货品信息

SELECT \* FROM product;

需求:查询所有货品的id,productName,salePrice

SELECT id,productName,saleprice FROM product;

需求:查询商品的分类编号

SELECT DISTINCT dir\_id FROM product

需求:查询所有货品的id，名称和批发价(批发价=卖价\*折扣)

SELECT id,productName,salePrice \* cutoff FROM product

需求:查询所有货品的id，名称，和各进50个的成本价(成本=costPirce)

SELECT id,productName,costPrice \* 50 FROM product

需求:查询所有货品的id，名称，各进50个，并且每个运费1元的成本

SELECT id,productName,(costPrice+1) \* 50 FROM product

需求:查询所有货品的id，名称，各进50个，并且每个运费1元的成本(使用别名)

SELECT id,productName,(costPrice+1) \* 50 AS pf FROM product

SELECT id,productName,(costPrice+1) \* 50 pf FROM product

SELECT id,productName,(costPrice+1) \* 50 "p f" FROM product

需求: 查询货品零售价为119的所有货品信息.

SELECT \* FROM product WHERE salePrice = 119

需求: 查询货品名为罗技G9X的所有货品信息.

SELECT \* FROM product WHERE productName = '罗技G9X'

区分大小写

SELECT \* FROM product WHERE BINARY productName = '罗技G9X'

需求: 查询货品名 不为 罗技G9X的所有货品信息.

SELECT \* FROM product WHERE BINARY productName != '罗技G9X'

SELECT \* FROM product WHERE BINARY productName <> '罗技G9X'

需求: 查询分类编号不等于2的货品信息

SELECT \* FROM product WHERE dir\_id != 2

SELECT \* FROM product WHERE dir\_id <> 2

需求: 查询货品名称,零售价小于等于200的货品

SELECT productName,salePrice FROM product WHERE salePrice <= 200

需求: 查询id，货品名称，批发价大于350的货品

SELECT id,productName,salePrice \* cutoff FROM product WHERE salePrice \* cutoff > 350

需求: 选择id，货品名称，批发价在300-400之间的货品

SELECT id,productName,salePrice \* cutoff FROM product

WHERE salePrice \* cutoff >= 300 AND salePrice \* cutoff <= 400

需求: 选择id，货品名称，分类编号为2,4的所有货品

SELECT id,productName,dir\_id FROM product WHERE dir\_id = 2 OR dir\_id = 4

SELECT id,productName,dir\_id FROM product WHERE dir\_id IN(2,4)

需求: 选择id，货品名词，分类编号不为2的所有商品

SELECT id,productName,dir\_id FROM product WHERE dir\_id != 2

SELECT id,productName,dir\_id FROM product WHERE dir\_id NOT in(2)

需求: 选择id，货品名称，分类编号的货品零售价大于等于250或者是成本大于等于200

SELECT id, productName, dir\_id, salePrice, costPrice FROM product

WHERE salePrice >= 250 OR costPrice >= 200

需求: 选择id，货品名称，批发价在300-400之间的货品

SELECT id, productName, salePrice \* cutoff FROM product

WHERE salePrice \* cutoff BETWEEN 300 AND 400

需求: 选择id，货品名称，批发价不在300-400之间的货品

SELECT id,productName, salePrice \* cutoff FROM product

WHERE salePrice \* cutoff NOT BETWEEN 300 AND 400

需求:选择id，货品名称，分类编号为2,4的所有货品

SELECT id, productName, salePrice,dir\_id FROM product

WHERE dir\_id IN(2,4)

需求:选择id，货品名称，分类编号不为2,4的所有货品

SELECT id, productName,salePrice,dir\_id FROM product

WHERE dir\_id NOT IN(2,4)

需求:查询商品名为NULL的所有商品信息

SELECT \* FROM product WHERE productName IS NULL

需求: 查询id，货品名称，货品名称匹配'%罗技M9\_'

SELECT id,productName FROM product WHERE productName LIKE '%罗技M9\_'

需求: 查询id，货品名称，分类编号,零售价大于等于200并且货品名称匹配'%罗技M1\_\_'

SELECT id,productName,dir\_id,salePrice FROM product

WHERE salePrice >= 200 AND productName LIKE '%罗技M1\_\_'

需求:选择id，货品名称，分类编号,零售价并且按零售价降序排序

SELECT id, productName,dir\_id,salePrice FROM product ORDER BY salePrice DESC

需求: 选择id，货品名称，分类编号,零售价先按分类编号排序,再按零售价排序

SELECT id,productName,dir\_id,salePrice FROM product ORDER BY dir\_id,salePrice

需求:查询M系列并按照批发价排序(加上别名)

SELECT \*,salePrice \* cutoff pf FROM product ORDER BY pf

需求:查询分类为2并按照批发价排序(加上别名)

SELECT \*,salePrice \* cutoff pf FROM product WHERE dir\_id = 2 ORDER BY pf

分页

第一页: SELECT \* FROM `product` LIMIT 0, 3

第二页: SELECT \* FROM `product` LIMIT 3, 3

第三页: SELECT \* FROM `product` LIMIT 6, 3

第四页: SELECT \* FROM `product` LIMIT 9, 3

第N页: SELECT \* FROM `product` LIMIT (N-1)\*3, 3

需求:查询所有商品平均零售价

SELECT AVG(salePrice) FROM product

需求:查询商品总记录数(注意在Java中必须使用long接收)

SELECT COUNT(id) FROM product

需求:查询分类为2的商品总数

SELECT COUNT(dir\_id) FROM product WHERE dir\_id = 2

需求:查询商品的最小零售价，最高零售价，以及所有商品零售价总和

SELECT MIN(salePrice),MAX(salePrice),SUM(salePrice) FROM product