ALL OPERATOR

**Creating two tables**

create table shop(id int, itemname text, price int);

insert into shop values(1, "boomer", 1000);

insert into shop values(2, "kitkat", 3000);

insert into shop values(3, "oreo", 5000);

insert into shop values(4, "milkybar", 7000);

insert into shop values(5, "coffeebit", 9000);

insert into shop values(6, "cake", 4000);

insert into shop values(7, "icecream", 6000);

insert into shop values(8, "lollipop", 3400);

insert into shop values(9, "gingerbread", 6600);

insert into shop values(10, "blackforest", 8800);

create table cart(id int, itemname text, price int);

insert into cart values(1, "item one" , 3000);

insert into cart values(2, "item two" , 4000);

insert into cart values(3, "item three" , 5000);

insert into cart values(4, "item four" , 7000);

insert into cart values(5, "item five" , 4400);

insert into cart values(6, "item six" , 5000);

insert into cart values(7, "item seven" , 6000);

insert into cart values(8, "item eight" , 2000);

insert into cart values(9, "item nine" , 3300);

insert into cart values(10, "item ten" , 6600);

Query 1 :

**select id, itemname, price from shop**

**where price > ALL (select price from cart where price = 2000);**

Working :

1.first subquery will be executed, it will return one value 2000

2.outer query now will list all records greater than 2000

Output : except boomer it will list all other items from shop table

Query 2 :

**select id, itemname, price from shop**

**where price > ALL (select price from cart where price > 2000);**

Working :

1.first inner query will be executed first , it will **list all** prices greater than 2000 ( maximum price in that table is 6600)

2.outer query will list the records whose price is greater than 6600 (maximum price). The records in shop table whose price is greater than 6600 are 9000 and 8800.

It will list 9000 and 8800

SOURCE : https://www.w3resource.com/sql/special-operators/sql\_all.php