

Nested SQL (SQL in SQL)

Assume that you have these two tables:

PlaceOrder

	OrderID	CID	Quantity	DeliverBy
▶	1	1	23	Tuesday April 23, 2010
	2	1	3	Wednesday April 22, 2010
	3	4	6	Monday October 31, 2010

Type

	Name	Price	cookID
	Chocolate Chip	\$0.30	1
	Oatmeal	\$0.20	2
	Sugar	\$0.34	3
	Peanut Butter	\$0.40	4

Suppose that you wanted to find the name of the product with the highest price in the database.

You would write:

```
SELECT Name  
From Type  
Where Price = (Select MAX(Price) from Type)
```

First, this statement finds the maximum Price. (The highlighted part of the where clause)
Then, it finds the records that matches that using the where clause.
Finally, it pulls the name (Select name) and displays it for you.

	Name
▶	Peanut Butter