```
□Create View uvw_AllProductInOrder
     As
     Select oi.OrderId, o.OrderNumber, o.OrderDate,
     Productlist=STUFF(
     Select ',' + CONVERT(nvarchar(10), ois.ProductId)
     From OrderItem as ois
     Where oi.OrderId = ois.OrderId
     for xml path('')
     ),1,1,''),
     sum(oi.UnitPrice*oi.Quantity) as [TotalAmount]
     From Product p inner join OrderItem oi on oi.ProductId = p.Id
     inner join [Order] o on o.Id = oi.OrderId
     Group by oi.OrderId, o.OrderNumber, o.OrderDate
100 % ▼ ◀
Messages
   Commands completed successfully.
   Completion time: 2022-05-20T23:19:19.1250338+07:00
1.
||Select *
From uvw_DetailProductInOrder as dpio
Where MONTH(dpio.OrderDate) = 7
```

	ProductId	ProductInfo	UnitPrice	Orderld	OrderNumber	OrderDate	Quantity		
1	11	Queso Cabrales 1 kg pkg.	21.00	1	542378	2012-07-04 00:00:00.000	12		
2	42	Singaporean Hokkien Fried Mee 32 - 1 kg pkgs.	14.00	1	542378	2012-07-04 00:00:00.000	10		
	72	Mozzarella di Giovanni 24 - 200 g pkgs.	34.80	1	542378	2012-07-04 00:00:00.000	5		
	14	Tofu 40 - 100 g pkgs.	23.25	2	542379	2012-07-05 00:00:00.000	9		
	51	Manjimup Dried Apples 50 - 300 g pkgs.	53.00	2	542379	2012-07-05 00:00:00.000	40		
	41	Jack's New England Clam Chowder 12 - 12 oz cans	9.65	3	542380	2012-07-08 00:00:00.000	10		
	51	Manjimup Dried Apples 50 - 300 g pkgs.	53.00	3	542380	2012-07-08 00:00:00.000	35		
	65	Louisiana Fiery Hot Pepper Sauce 32 - 8 oz bottles	21.05	3	542380	2012-07-08 00:00:00.000	15		
9	22	Gustaf's Knäckebröd 24 - 500 g pkgs.	21.00	4	542381	2012-07-08 00:00:00.000	6		
0	57	Ravioli Angelo 24 - 250 g pkgs.	19.50	4	542381	2012-07-08 00:00:00.000	15		
1	65	Louisiana Fiery Hot Pepper Sauce 32 - 8 oz bottles	21.05	4	542381	2012-07-08 00:00:00.000	20		
2	20	Sir Rodney's Marmalade 30 gift boxes	81.00	5	542382	2012-07-09 00:00:00.000	40		
3	33	Geitost 500 g	2.50	5	542382	2012-07-09 00:00:00.000	25		
14	60	Camembert Pierrot 15 - 300 g rounds	34.00	5	542382	2012-07-09 00:00:00.000	40		
15	31	Gorgonzola Telino 12 - 100 g pkgs	12.50	6	542383	2012-07-10 00:00:00.000	20		
16	39	Chartreuse verte 750 cc per bottle	18.00	6	542383	2012-07-10 00:00:00.000	42		
7	49	Maxilaku 24 - 50 g pkgs.	20.00	6	542383	2012-07-10 00:00:00.000	40		
8	24	Guaraná Fantástica 12 - 355 ml cans	4.50	7	542384	2012-07-11 00:00:00.000	15		

2.

	Orderld	OrderNumber	OrderDate	ProductList	TotalAmount
1	1	542378	2012-07-04 00:00:00.000	11,42,72	440.00
2	3	542380	2012-07-08 00:00:00.000	41,51,65	1813.00
3	4	542381	2012-07-08 00:00:00.000	22,57,65	670.80
4	5	542382	2012-07-09 00:00:00.000	20,33,60	3730.00
5	6	542383	2012-07-10 00:00:00.000	31,39,49	1444.80
6	7	542384	2012-07-11 00:00:00.000	24,55,74	625.20
7	8	542385	2012-07-12 00:00:00.000	2,16,36,59	2490.50
8	10	542387	2012-07-16 00:00:00.000	27,39,77	1119.90
9	11	542388	2012-07-17 00:00:00.000	2,5,32	2018.60
10	13	542390	2012-07-19 00:00:00.000	41,57,62,70	1746.20
11	15	542392	2012-07-22 00:00:00.000	5,7,56	624.80
12	16	542393	2012-07-23 00:00:00.000	16,24,30,74	2464.80
13	20	542397	2012-07-29 00:00:00.000	40,59,76	4031.00
14	25	542402	2012-08-02 00:00:00.000	20,31,72	1456.00
15	26	542403	2012-08-05 00:00:00.000	10,31,33,40,76	2142.40
16	31	542408	2012-08-12 00:00:00.000	44,59,63,73	1488.80
17	33	542410	2012-08-14 00:00:00.000	24,55,75	613.20
18	34	542411	2012-08-14 00:00:00.000	19,24,35	86.50

3. Hai view được tạo đều chưa thuộc dạng readonly. Muốn hai view thành readonly ta dùng câu lệnh "with read only".

4.

	DetailProductInOrder	AllProductInOrder
1	100ms	110ms
2	88ms	80ms
3	100ms	104ms
4	82ms	102ms
5	84ms	95ms
average	90.8ms	98.2ms

=>view DetailProductInOrder chay nhanh hơn