








Order				
 Order_ID	Char(4)	NN	(PK)	
 Prod_ID	Int	NN	(FK)	(IX1)
IX_Relationship3 (IX1)				

Relationship3

Product				
 Prod_ID	Int	NN	(PK)	
Prod_Name	Char(4)	NN		
Prod_Brand	Char(20)	NN		
Prod_Size	Int	NN		
 SubCat_ID	Char(4)	NN	(FK)	(IX1)
IX_Relationship1 (IX1)				

Category			
 Cat_ID	Char(4)	NN	(PK)
Cat_Name	Char(20)	NN	

Relationship2

SubCategory			
 SubCat_ID	Char(4)	NN	(PK)
SubCat_Name	Char(20)	NN	
 Cat_ID	Char(4)	NN	(FK) (IX1)
IX_Relationship2 (IX1)			

Relationship1