









## What is the schema? What is the instance?

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Supplier						
sno	sname	scity	sstate			
1	s1	city 1	WA			
2	s2	city 1	WA			
3	s3	city 2	MA			
4	s4	city 2	MA			

What is the schema? What is the instance? Relation schema Supplier(sno: integer, sname: string, scity: string, sstate: string) Supplier sno sname scity sstate WA s1 city 1 1 2 s2 city 1 WA instance s3 MA city 2 3 city 2 MA Δ s4 CSE 444 - Spring 2016

































































Simple SQL Query							
Product	PName	Price	Category	Manufacturer			
	Gizmo	\$19.99	Gadgets	GizmoWorks			
	Powergizmo	\$29.99	Gadgets	GizmoWorks			
	SingleTouch	\$149.99	Photography	Canon			
	MultiTouch	\$203.99	Household	Hitachi			
SELECT * FROM Product WHERE category='Gadgets'							
	PName	Price	Category	Manufacturer			
	Gizmo	\$19.99	Gadgets	GizmoWorks			
"aalaatian"	Powergizmo	\$29.99	Gadgets	GizmoWorks			
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## Subqueries Returning Relations Company(name, city) Product(pname, maker) Purchase(id, product, buyer) Return cities where one can find companies that manufacture products bought by Joe Blow SELECT Company.city FROM Company WHERE Company.name IN (SELECT Product.maker FROM Purchase, Product WHERE Product.pname=Purchase.product AND Purchase .buyer = 'Joe Blow');



























