



Example

Product(pname, maker), Company(cname, city)

Select Product.pname From Product, Company Where Product.maker=Company.cname and Company.city = "Seattle"

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• How do we execute this query ?

Example	
<pre>Product(pname, maker), Company(cname, city)</pre>	
Assume:	
Clustered index: Product . <u>pnan</u> Unclustered index: Product .make	ne, Company . <u>cname</u> er, Company .city
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The three components of an optimizer

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We need three things in an optimizer:

- Algebraic laws
- An optimization algorithm
- A cost estimator









