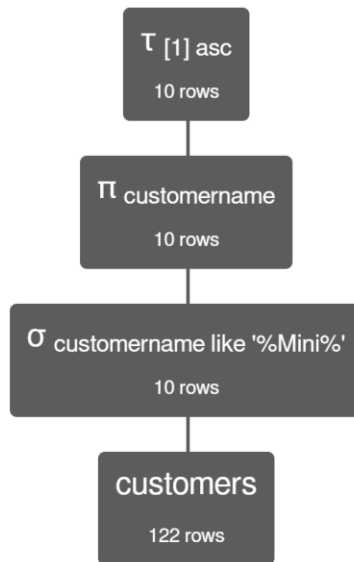


Relational Algebra Query:

The screenshot shows a web browser window with the address bar displaying `https://dbis-uibk.github.io/relax/calc/gist...`. The browser has a tab titled "RelaX - relational algebra calcula" and a "Not syncing" notification. Below the browser window is the RelaX interface, which includes a menu bar with "RelAlg", "SQL", and "GE" tabs. A toolbar contains various relational algebra operators: π , σ , ρ , \leftarrow , \rightarrow , τ , γ , \wedge , \vee , \neg , $=$, \neq , \geq , \leq , \cap , \cup , \div , $-$, \times , and several join symbols. Below the toolbar is a text input area containing the query: `1 tau [1] pi customername sigma customername like '%Mini%' customers`. At the bottom of the interface is a blue button labeled "execute query" and a circular refresh icon.

Execution:

Result



$\tau [1] \text{ asc } \pi_{\text{customername}} \sigma_{\text{customername like '%Mini\%'}} \text{ customers}$

customers.customername

'Baane Mini Imports'

Result	×
customers.customername	
'Baane Mini Imports'	
'Collectable Mini Designs Co.'	
'Marseille Mini Autos'	
'Mini Auto Werke'	
'Mini Caravy'	
'Mini Classics'	
'Mini Creations Ltd.'	
'Mini Gifts Distributors Ltd.'	
'Mini Wheels Co.'	
'Online Mini Collectables'	

RelaX automatically puts the names in ascending order by default.