

Sid	Name	Lasname	Sage	Sgpa	Scity
123	Apu	Smith	18	1.2	Ponce
345	Jil	Perez	22	0.2	SF
121	Ken	Lu	17	3.2	SJ
666	Amy	Rivera	18	4.00	Ponce
748	Li	Lo	23	3.9	NY
100	Bob	Juan	24	2.89	MIA
220	joe	Smith	30	0.9	NY

Query and Result:

$$\sigma_{sgpa < 1.0}(Students)$$

Sid	Name	Lasname	Sage	Sgpa	Scity
345	Jil	Perez	22	0.2	SF
220	joe	Smith	30	0.9	NY

Query and Result:

$$\Pi_{sage}(Students)$$

Sage
18
22
17
23
24
30

Query and Result:

$$\sigma_{sgpa > 5.0}(Students)$$

Empty result set

Sid	Name	Lasname	Sage	Sgpa	Scity
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Table with null:

Sid	Name	Lasname	Sage	Sgpa	Scity
123	Apu	Smith	18	1.2	Ponce
345	Jil	Perez	22	0.2	null
121	Ken	Lu	17	3.2	SJ
666	Amy	Rivera	18	4.00	Ponce
748	Li	Lo	23	3.9	null
100	Bob	Juan	24	2.89	MIA
220	joe	Smith	30	0.9	NY