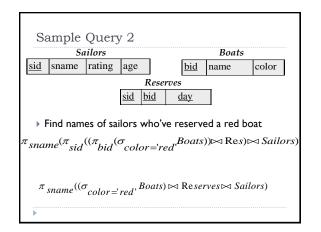
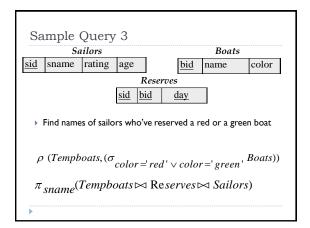
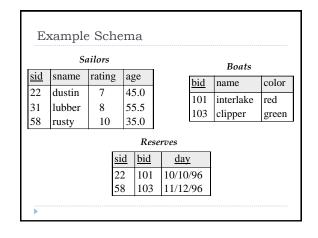


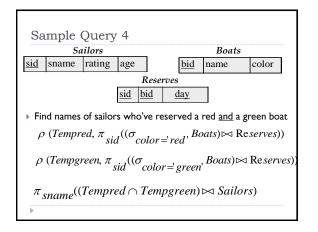
	Si	ailors					Boats	
sid	sname	rating	ag	ge		bid	name	color
22	dustin	7	4	5.0		101	interlake	red
31	lubber	8	5	5.5		101	clipper	
58	rusty	10	3	5.0		105	cupper	green
				Res	erves			
			sid	bid	da	<u>y</u>		
			22	101	10/10)/96		
			58	103	11/12	2/96		



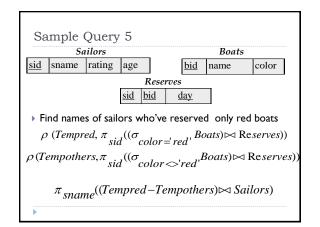
	S	ailors				Boats	
sid	sname	rating	age		bid	name	color
22	dustin	7	45.0		101	interlake	red
31	lubber	8	55.5		101	clipper	green
58	rusty	10	35.0		105	cupper	green
			Re	erves			
		si	d bid	da	Y		
		2	2 101	10/10)/96		
		5	8 103	11/12	2/96		







	Si	ailors	_				Boats	
sid	sname	rating	ag	ge		bid	name	color
22	dustin	7	4	5.0		101	interlake	red
31	lubber	8	5	5.5		101	clipper	green
58	rusty	10	3.	5.0		105	enpper	green
				Res	erves			
		s	id	bid	da	У		
		2	22	101	10/10)/96		
		5	58	103	11/12	2/96		



22 dustin 7 45.0
31 lubber 8 55.5
58 rusty 10 35.0

id	sname	rating	age	sid	sname	rating	age
າງ	ductin	7	45.0	<u>b</u> 2	duction	7	45.0
22	dustin	7	45.0	31	lubber	8	55.5
22	dustin	7	45.0	58 22	rusty	10	35.0
51	lubber	8	55.5	22	uustiii	/	45.0
31	lubber	8	55.5 55.5	81 50	lubber rusty	8 10	55.5 25.0
51 58	rusty	8 10	35.0	22	dustin	7	45.0
58	rusty	10	35.0	31	lubber	8	55.5
58	rusty	10	35.0	50	rusty	10	35.0

An Example of Self-Joins ρ (S1,Sailors) ρ (S2, Sailors) $\begin{array}{c} \rho \left(\textit{TempJoin}(1 \!\rightarrow\! f1,\! 2 \!\rightarrow\! f2,\! 3 \!\rightarrow\! f3,\! 4 \!\rightarrow\! f4), \\ S1 \bowtie S1 \bowtie S2 age S2 \right) \end{array}$ ρ (LeftHalf, $\pi_{f1, f2, f3, f4}$ TempJoin) Finally, subtract the resulting left hand side from the initial relation, and you get sailors with maximum ages Final result is Sailors-LeftHalf