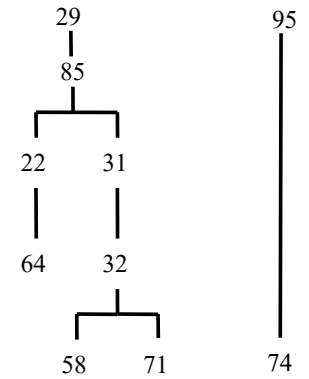


12. The database instance

THE SAILORS DATABASE INSTANCE

Sailors	SID	SNAME	RATING	AGE	TRAINEE
	22	Dave	7	45	85
	29	Mike	1	33	
	31	Mary	8	55	85
	32	Albert	8	25	31
	58	Jim	10	35	32
	64	Jane	7	35	22
	71	Dave	10	16	32
	74	Jane	9	40	95
	85	Art	3	25	29
	95	Jane	3	63	

Is_trained_by relationship
(e.g. 85 is trained by 22 and 31)



Boats ...	BID	BNAME	COLOR	RATE	LENGTH	logKeeper
	101	Interlake	blue	350	30	95
	102	Interlake	red	275	23	22
	103	Clipper	green	160	15	85
	104	Marine	red	195	24	22
	105	Weekend Rx	white	500	43	31
	106	C#	red	300	27	32
	107	Bayside	white	350	32	85
	108	C++	blue	100	12	95

Reservations	BID	forDate	SID	onDate
	101	10-OCT-19	22	07-OCT-19
	102	14-OCT-19	22	10-OCT-19
	103	17-NOV-19	22	10-OCT-19
	105	14-OCT-19	58	13-OCT-19
	102	20-OCT-19	31	10-OCT-19
	103	22-NOV-19	31	20-OCT-19
	104	23-NOV-19	31	20-OCT-19
	101	05-SEP-19	64	27-AUG-19
	102	20-NOV-19	64	03-NOV-19
	103	18-OCT-19	74	04-AUG-19

Acknowledgment: The SAILORS database is adopted from Ramakrishnan & Gehrke's book. I have, however, extended it significantly in terms of logical complexity and also implemented it for the purpose of using it in this course.