

## 1 Database

Table 1: Some relations, a sample database: SAILORS

Table 2: Relation, sailors1

sid	sname	rating	age
22	"Dustin"	7	45
31	"Lubber"	8	55
58	"Rusty"	10	35

Table 3: Relation, sailors2

sid	sname	rating	age
28	"Yuppy"	9	35
31	"Lubber"	8	55
44	"Guppy"	5	35
58	"Rusty"	10	35

Table 4: Instance relation of reserves

sid	bid	day
58	103	"11/12/96"
22	101	"10/10/96"

## 2 Some queries

1.  $\sigma_{rating > 8} (sailors2)$

sid	sname	rating	age
28	"Yuppy"	9	35
58	"Rusty"	10	35