

#### 4.Queries using Group By, Order By, and Having Clause

**Find the age of the youngest sailor who is eligible to vote (age>18) for each rating level with at least two such sailors;**

```
SQL> select s.rating,min(s.age) as minage from sailors s
where s.age>18 group by s.rating
having count(*)>1
```

RATING	MINAGE
3	25.5
7	35
8	25.5

**For each boat, find the number of reservations for this boat**

```
SQL> select b.bid,count(*) as reservationcount from boats b, reserves r
2  where r.bid=b.bid and b.color='RED'
3  group by b.bid;
```

BID	RESERVATIONCOUNT
102	3
104	2

**Find the average age of sailors for each rating level that has at least two sailors**

```
SQL> select s.rating,avg(s.age) as average from sailors s
2  group by s.rating
```

```
3 having count(*)>1;
```

RATING	AVERAGE
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3	44.5
7	40
8	40.5
10	25.5