

1.find the name and age of the sailors who have reserved a red boat and list in the order of age.

```
select s.sname,s.age from sailors s,reserves r,boats b
where s.sid=r.sid and b.bid=r.bid and b.bcolor='Red'
order by s.age;
```

2.find the average age of sailors for each rating level

```
Select avg(s.age),s.rating from sailors s
Group by s.rating;
```

3.find the age of the youngest sailor for each rating level

```
Select min(s.age),s.rating from sailors s
Group by s.rating;
```

4.find the age of the youngest sailor who is eligible to vote(atleast 18 yrs old)for each rating level with atleast two such sailors

```
Select min(s.age),s.rating from sailors s
where s.age>=18
Group by s.rating
having count(*)>1;
```

5. find the avg age of sailors for each rating level that has atleast two such sailors

```
Select avg(s.age),s.rating from sailors s
group by s.rating
having count(*)>1;
```

6.find the name and age of the oldest sailor

```
select s.sname,s.age from sailors s
where s.age=(select max(age) from sailors);
```

7.for each red boat find the reservations

```
select r.bid,count(*) from boats b,reserves r
```

```
where b.bid=r.bid and b.bcolor='red'  
group by r.bid;
```