3. Queries to Retrieve and Change Data: Select, Insert, Delete, and Update			
1) Find the names of sai	lors who have reserved boat number 103.		
SQL> select s.sname from	m sailors s, reserves r where s.sid=r.sid and r.bid=103;		
SNAME			
DUSTIN	<del></del>		
LUBBER			
HORATIO			
2) Find the names of sai	lors who have reserved a red boat.		
SQL> select distinct s.sna r.bid=b.bid and b.color='	ame from sailors s,reserves r, boats b where s.sid=r.sid and 'RED';		
SNAME			
DUSTIN	<del></del>		
DUSTIN			
LUBBER			
LUBBER			
HORATIO			
3) Find the names and a	ges of all sailors;		
SQL> select sname, age t	from sailors;		
SNAME	AGE		

DUSTIN	45
BRUTUS	33
LUBBER	55.5
ANDY	25.5
RUSTY	35
HORATIO	35
ZORBA	16
HORATIO	35
ART	25.5
ВОВ	63.5

10 rows selected.

SQL> select distinct s.sname, s.age from sailors s; /\* With distinct clause /\*

SNAME	AGE
ANDY	25.5
ART	25.5
ВОВ	63.5
BRUTUS	33
DUSTIN	45
HORATIO	35
LUBBER	55.5
RUSTY	35
ZORBA	16

## 4) Find all sailors with a rating above 7

SQL> select s.sid,s.sname,s.rating,s.age from sailors s where s.rating>7;

SID SNAME	RATING	AGE
31 LUBBER	8	55.5
32 ANDY	8	25.5
58 RUSTY	10	35
71 ZORBA	10	16
74 HORATIO	9	35

LUBBER

5) Find the names of boats reserved by lubber				
SQL> select b.color from sailors s, boats b, reserves r				
where s.sid=r.sid and r.bid=b.bid and s.sname=upper('lubber');				
COLOR				
RED				
GREEN				
RED				
6) Find the names of sailors who have reserved at least one boat.				
SQL> select distinct s.sname from sailors s, reserves r where s.sid=r.sid;				
SNAME				
DUSTIN				
HORATIO				

7) Compute increments for the ratings of persons who have sailed two different boats on the same day.					
SQL> select s.sname,s.rating+1 as rating from sailors s, reserves r1, reserves r2					
2 where s.sid=r1.sid and s.sid=r2.sid and r1.day=r2.day and r1.bid<>r2.bid;					
SNAME	RATING				
DUSTIN	8				
DUSTIN	8				
8) Find the ages of sailors wh characters	ose name begins and er	nds with B and has not at least three			
SQL> select s.age from sailors s where s.sname like 'B_%B';					
AGE					
63.5					