

## **ASSIGNMENT:6**

### **TABLE NAME: SAILOR**

Attribute	Data type	Constraints
SID	varchar2 (4)	primary key and start with small s initial letter capital
SNAME	varchar2 (15)	
MNAME	varchar2 (15)	
SURNAME	varchar2 (15)	not null
RATING	number (2)	default zero
AGE	number (3, 1)	not null

### **TABLE NAME: BOAT**

Attribute	Data type	Constraints
BID	Varchar2 (5)	primary key & start with small b all upper case red, green, blue
BNAME	varchar2 (10)	
COLOR	varchar2 (6)	

### **TABLE NAME: RESERVE**

Attribute	Datatype	Constraints
SID	varchar2 (4)	Foreign key referencing sailor Foreign key referencing boat <1-JAN-2000 composite primary key
BID	Varchar2 (5)	
DAY	date	
SID, BID		

1. Create the tables and add the constraints.
2. Insert the values in the table so that it can satisfy the above constraints.
3. Show names under the heading of names\_of\_sailors and add 2 to age.
4. Select all records from sailors in ascending order by name
5. Show all sailors name.
6. Select all distinct sailors name
7. Show all distinct sailors names, ratings that have rating between 5 and 10.
8. Select all records from sailors in ascending order by rating and descending order by age.
9. Select all records from sailors whose rating>7.
10. Find records for sailor name Horatio and age=35.4.
11. Select records for name beginning with 'B'.
12. Select records for name containing 'B'/'b'.
13. Select names for rating present
14. Select names for rating absent.
15. Find sid of sailor who has reserved boat 'b14'.