create table Sailor

(

ID INT PRIMARY KEY not null,

Name varchar(30),

RATING INT,

AGE INT,

check (Name=upper(name)),

check (rating in(6,7,8,9,10))

);

create table Boat

(

ID INT PRIMARY KEY,

Name varchar(30),

COLOR varchar(10)

);

create table Reserves

(

SID INT references Sailor(ID),

BID INT references Boat(ID),

DAY DATE,

PRIMARY KEY(SID,BID,DAY)

);

select \* from Sailor;

drop table Sailor;

drop table Boat;

drop table Reserves ;

select \* from Boat;

insert into Sailor (id,name, rating, age) values (1,'JACK SPARROW', 10, 40);

insert into Sailor (id,name, rating, age) values (2,'WILL TURNER', 6, 26);

insert into Sailor (id,name, rating, age) values (3,'HORATIO', 7, 24);

insert into Sailor (id,name, rating, age) values (4,'GIBBS', 9, 51);

insert into Sailor (id,name, rating, age) values (5,'DAVY JONES' ,10, 42);

insert into Sailor (id,name, rating, age) values (6,'JULIUS',9, 25);

insert into Boat (id,name, color) values (101,'Black Pearl', 'black');

insert into Boat (id,name, color) values (102,'Queen Annes Revenge', 'red');

insert into Boat (id,name, color) values (103,'Blackbeards Delight', 'black');

insert into Boat (id,name, color) values (104,'Redbeards Delight', 'red');

insert into Boat (id,name, color) values (105,'Oceans Dagger', 'blue');

insert into Boat (id,name, color) values (106,'Marine', 'blue');

insert into Boat (id,name, color) values(107,'Interlake', 'red');

insert into Reserves (sid, bid, day) values (2, 101, '11-FEB-2016');

insert into Reserves (sid, bid, day) values (6, 107, '10-JUN-2016');

insert into Reserves (sid, bid, day) values (1, 101, '10-OCT-2016');

insert into Reserves (sid, bid, day) values (1, 101, '10-OCT-2017');

insert into Reserves (sid, bid, day) values (1, 102, '10-OCT-2017');

insert into Reserves (sid, bid, day) values (1, 101, '10-JUL-2017');

insert into Reserves (sid, bid, day) values (2, 102, '11-SEP-2017');

insert into Reserves (sid, bid, day) values (2, 102, '7-NOV-2017');

insert into Reserves (sid, bid, day) values (3, 101, '7-NOV-2017');

insert into Reserves (sid, bid, day) values (3, 102, '7-AUG-2017');

insert into Reserves (sid, bid, day) values (4, 103, '19-SEP-2017');

insert into Reserves (sid, bid, day) values (6, 104, '19-SEP-2017');

select \* from Reserves ;

select count(\*) from boat where color='black';

select r.sid from Reserves r,boat b where r.bid=b.id and b.color in('black','green') group by r.sid;

select id ,name from sailor where age=(select min(age) from sailor);

select from Reserves r,boat b,sailor s where r.id=s.sid and