1. Create a table sailors with following attribute sid, sname, rating, age

```
create table sailors(sid int primary key, sname varchar(50), rating float, age int);
        insert into sailors values(50, 'Hortio', 6.5, 56);
insert into sailors values(52, 'Dennis', 10, 45);
insert into sailors values(54, 'Ajay', 7.5, 63);
insert into sailors values(56, 'Mathew', 10, 38);
        select * from sailors;
  Run (Ctrl-Enter)
                                 MySQL books
Output Input Comments 0
 sid
              sname
                          rating age
 50
              Hortio 6.5
                                       56
 52
              Dennis 10
                                       45
 54
              Ajay
                          7.5
                                       63
 56
              Mathew 10
                                       38
```

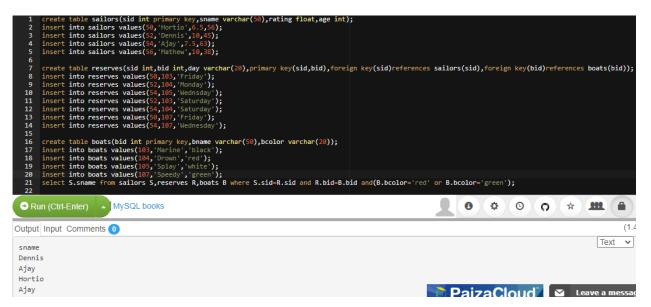
2. Create another table reserves with the attributes sid, bid, day

```
create table sailors(sid int primary key, sname varchar(50), rating float, age int);
         insert into sailors values(50, 'Hortio', 6.5,56);
insert into sailors values(52, 'Dennis', 10,45);
insert into sailors values(54, 'Ajay', 7.5,63);
insert into sailors values(56, 'Mathew', 10,38);
     3
     5
          create table boats(bid int primary key, bname varchar(50), bcolor varchar(20));
   8 insert into boats values(103, 'Marine', 'black');
9 insert into boats values(104, 'Drown', 'red');
10 insert into boats values(105, 'Splay', 'white');
11 insert into boats values(107, 'Speedy', 'green');
    12
          select * from boats;
    13
                                         MySQL books
  Run (Ctrl-Enter)
Output Input Comments 0
 bid
               bname
                              bcolor
 103
               Marine black
                              red
 104
               Drown
 105
               Splay
                              white
 107
               Speedy green
```

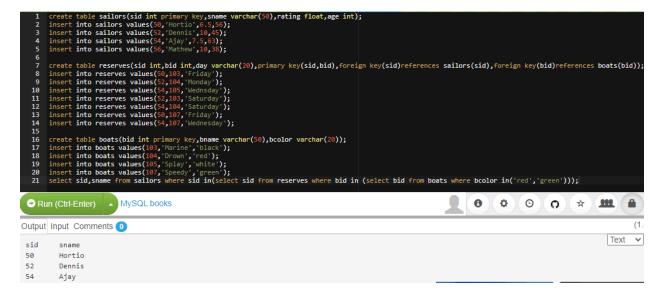
3. Create a table boat with attributes bid, bname and bcolor

```
,sname varchar(50),rating float,age int);
                          into sailors values(52, into sailors values(54, into sailors values(54, into sailors values(56,
                          table reserves(sid int,bid int,day varchar(20),primary key(sid,bid),foreign key(sid)references sailors(sid),foreign key(bid)references boats(bid));
into reserves values(50,303, 'Monday');
into reserves values(54,305, 'Wednsday');
into reserves values(54,305, 'Wednsday');
into reserves values(54,303, 'Saturday');
    10
11
12
13
14
15
16
17
18
19
20
21
                           into reserves values(
into reserves values(
into reserves values(
                                                                                                 'n);
                        table boats(bid int prime
into boats values(103, 'Me
into boats values(104, 'Dr
into boats values(105, 'Sp
into boats values(107, 'Sp
* from reserves;
                                                             t primary key,bname vai
103,'Marine','black');
104,'Drown','red');
105,'Splay','white');
107,'Speedy','green');
                                                                             key,bname varchar(50),bcolor varchar(20));
 Run (Ctrl-Enter) A MySQL books
                                                                                                                                                                                                                                                    ©
                                                                                                                                                                                                                                                                O
                                                                                                                                                                                                                                                                             ☆
Output Input Comments (1)
 sid
                 bid
                                                                                                                                                                                                                                                                                                         ~
                                                                                                                                                                                                                                                                                             Text
                                  Friday
 50
                  301
 52
                  303
                                 Monday
 54
                  305
                                  Wednsday
 50
                  303
                                  Saturday
                                                                                                                                                                                                                  PaizaCloud Leave a messa
 54
                 303
                            Saturday
```

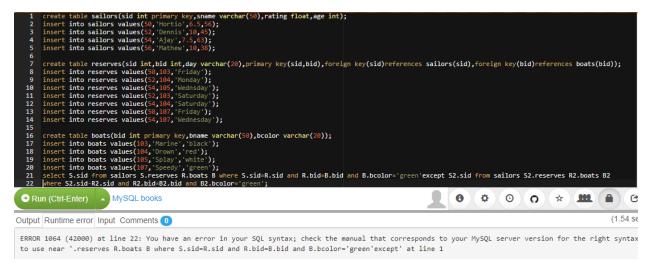
4. Find the names of sailors who have reserved a red or a green boat



5. Find the names of sailors who have represent both a red or a green boat



6. Find the sid's of all sailors who reserved a red boat but not a green boat



7. Find all sid of sailors who have a rating of 10 or have reserved boat 104

