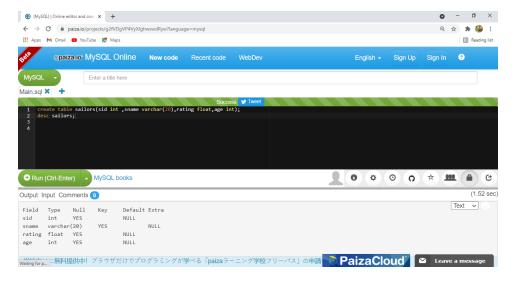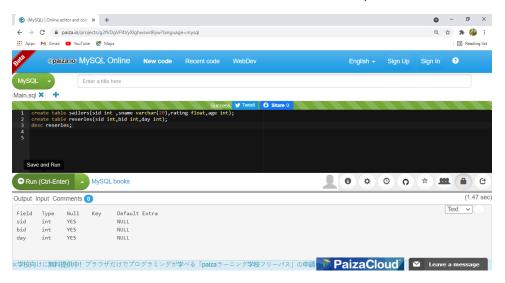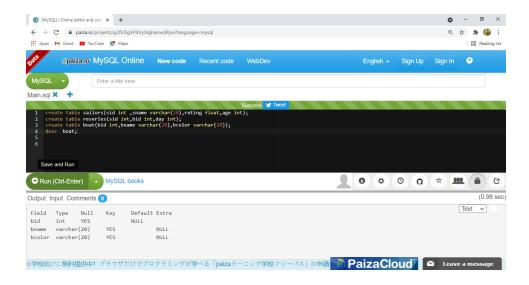Create a table sailors with following attribute sid , sname , rating, age.
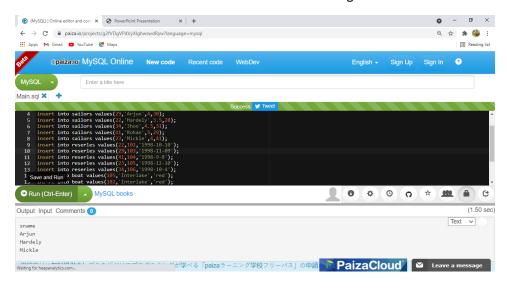

Create another table reserles with the attribute sid, bid, day

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

```
1  create table sailors(sid int ,sname varchar(20),rating float,age int);
2  create table reserles(sid int,bid int,day int);
3  create table boat(bid int,bname varchar(20),bcolor varchar(20));
4  desc  boat;
5
6
```

Save and Run

Run (Ctrl-Enter)   MySQL books

Output Input Comments 0   (0.98 sec)

```
Field    Type          Null   Key   Default Extra
bid      int           YES          NULL
bname    varchar(20)   YES                NULL
bcolor   varchar(20)   YES                NULL
```

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


```
4  insert into sailors values(29,'Arjun',4,30);
5  insert into sailors values(22,'Hardely',3.5,28);
6  insert into sailors values(34,'Jhon',4.5,31);
7  insert into sailors values(41,'Rohan',5,29);
8  insert into sailors values(23,'Mickle',4,41);
9  insert into reserles values(22,102,'1998-10-10');
10 insert into reserles values(29,103,'1998-11-09');
11 insert into reserles values(41,104,'1998-9-8');
12 insert into reserles values(23,105,'1998-12-10');
13 insert into reserles values(34,106,'1998-10-4');
1  insert into boat values(105,'Interlake','red');
   insert into boat values(102,'Interlake','red');
```

Save and Run

Run (Ctrl-Enter)   MySQL books

Output Input Comments 0   (1.50 sec)

```
sname
Arjun
Hardely
Mickle
```

Find the names of sailors who have reservent both a red or green boat


```sql
13  insert into reserles values(34,106,'1998-10-4');
14  insert into boat values(105,'Interlake','red');
15  insert into boat values(102,'Interlake','red');
16  insert into boat values(103,'Clipper','green');
17  insert into boat values(104,'Titanic','blue');
18  SELECT S.sname
19  FROM sailors S, boat B1,reserles R1,
20  boat B2, reserles R2
21  WHERE S.sid=R1.sid AND R1.bid=B1.bid
22  AND S.sid=R2.sid AND R2.bid=B2.bid
23  AND B1.bcolor='red' AND B2.bcolor='green'
24
```

```
sname
Hardely
```

Find the sid of sailors who have a rating of 10 or have reserved boat 104


```sql
7   insert into sailors values(41,'Rohan',10,29);
8   insert into sailors values(23,'Mickle',4,41);
9   insert into reserles values(22,102,'1998-10-10');
10  insert into reserles values(22,103,'1998-11-09');
11  insert into reserles values(41,104,'1998-9-8');
12  insert into reserles values(23,105,'1998-12-10');
13  insert into reserles values(34,106,'1998-10-4');
14  insert into boat values(105,'Interlake','red');
15  insert into boat values(102,'Interlake','red');
16  insert into boat values(103,'Clipper','green');
17  insert into boat values(104,'Titanic','blue');
18  SELECT S.sid FROM sailors S WHERE S.rating = 10
19  UNION
20  SELECT R.sid FROM reserles R WHERE R.bid = 104;
```

```
sid
41
```