```
--select boat_type from boat_details
--where boat_id_in
--(select boat_id from ride_details group by boat_id
--having sum(No_passengers)>100)
--(select sailor_id from sailor_details group by sailor_id having sailor_name not like 'A%')
select boat_type from boat_details where boat_type='DELUXE' and seat_capacity=100;

GO

Question Description 595

Write a query to display the type of boat that has more than 100 passengers with the sailor name, that does not start with 'A' and the number of boats that is greater than 1.
```



```
where boat_id in

(select boat_id from ride_details

group by boat_id having count(shift)>3)

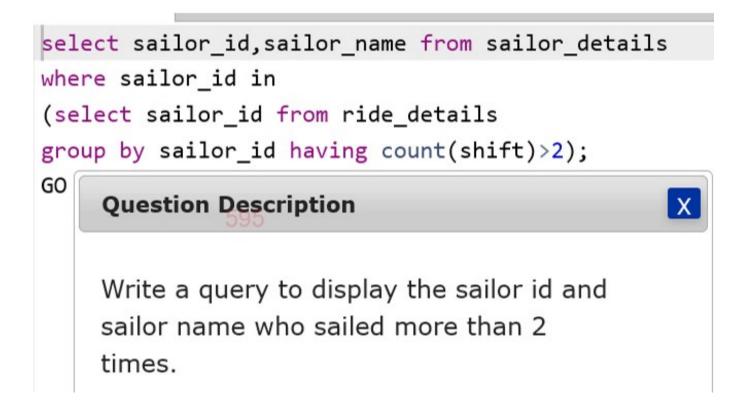
order by boat_id desc

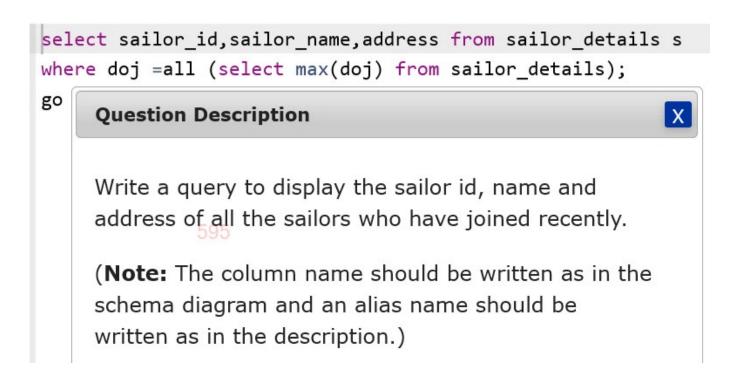
go

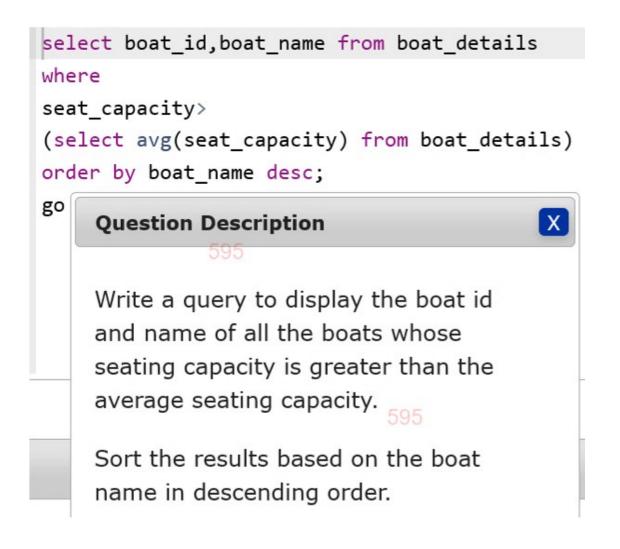
Question Description

Write a query to display the boat details like the boat id, boat name and seating capacity of boats which have sailed more than 3 times.

Sort the result based on the boat id in descending order.
```



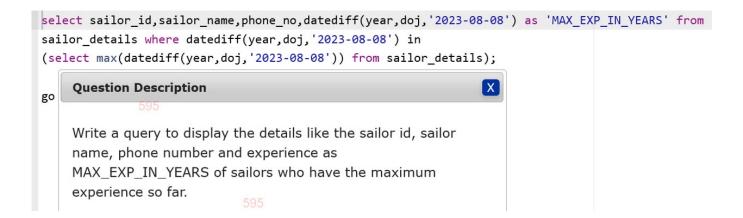




```
select * from boat_details where seat_capacity =
all(select min(seat_capacity) from boat_details);
go
Question Description
595
```

Write a query to display the boat id, boat name, boat type and seat capacity which has the minimum number of seats.

(**Note:** The column name should be written as in the schema diagram and an alias name should be written as in the description.)



```
select boat_details.boat_id,boat_name,boat_type,seat_capacity from boat_details

where boat_id != all (select boat_id from ride_details) order by seat_capacity;

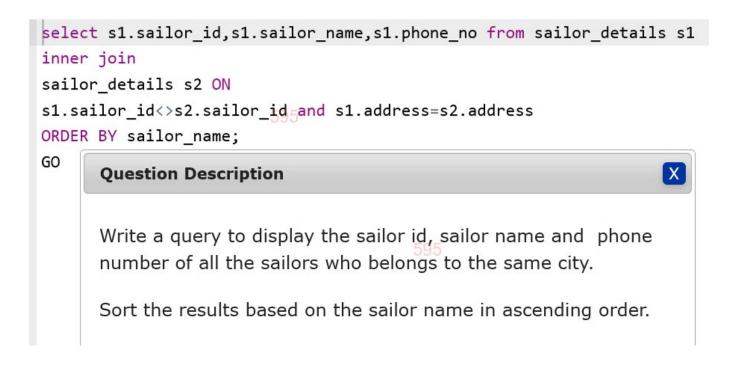
go

Question Description

Write a query to display the details of boats that have never sailed.

Sort the results based on the seating capacity in ascending order.
```

```
select sailor_name,boat_name,DATEADD(day,10,dot) as 'NEW_DATE' from ride_details
join
boat_details ON
ride_details.boat_id=boat_details.boat_id
sailor details ON
ride_details.sailor_id=sailor_details.sailor_id
ORDER BY NEW_DATE DESC;
GO
                                                                  X
      Question Description
     Write a query to display the sailor name, boat name
     and the new travel date. The new travel date is 10 days
     after the original date of travel. Give an alias name to the
     new travel date as NEW_DATE.
     Sort the records based on the NEW_DATE in descending
     order.
```



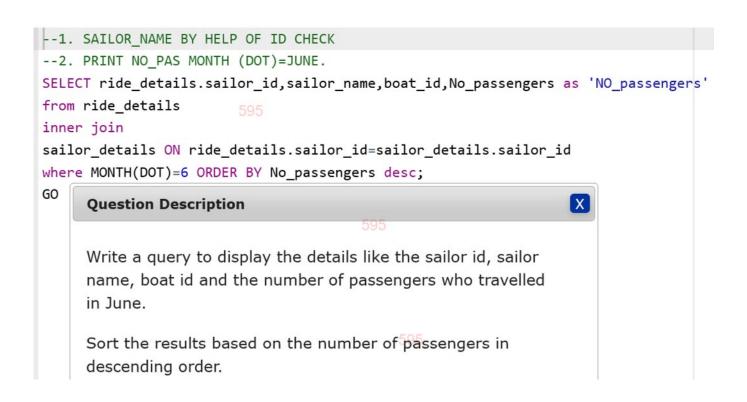
```
SELECT ride details.boat id, boat name, No passengers, dot as 'DOT',
UPPER(DATENAME(w,DOT)) as 'DAY' from ride details
inner join
boat details ON ride details.boat id=boat details.boat id
where MONTH(dot)=5 ORDER BY boat id;
```

GO

Question Description

Write a query to display the boat id, boat name, no of passengers, date of travel(dot) and the day name of travel date who took ride during 'MAY'. Display the day name in upper case.

Sort the result based on the boat id in ascending order.



```
SELECT ride_details.sailor_id,boat_id,sailor_name,DOT,
   No passengers AS 'NO passengers' from ride details
2
3
  inner join
  sailor details
4
   ON ride_details.sailor_id=sailor_details.sailor_id
5
   order by sailor name;
6
7
   GO
          Question Description
          Write a query to display the details like sailor id, boat id,
          sailor name, DOT and number of passengers.
          Sort the results based on the sailor name in ascending
          order.
```

```
1 select sailor id, sailor name, phone no,
  DATEDIFF(year,doj,'2023-08-18') as 'TOT_EXP' FROM sailor details
2
  WHERE DATEDIFF(year,doj,'2023-08-18')>
3
  (SELECT AVG(DATEDIFF(year, doj, '2023-08-18')) FROM sailor details)
4
  ORDER BY sailor name DESC;
5
6
  GO
        Question Description
        Write a query to display the sailor id, name, phone
        number and their experience whose experience is
        greater than the average experience. Give an alias
        for experience as TOT EXP.
        Sort the results based on the sailor name in
        descending order.
        (Note: The column name should be written as in the
        schema diagram and an alias name should be written
```

