Sql Task number 2end

# Question number 1st

SELECT First\_Name,Last\_Name, Phone, Rating FROM driver WHERE Rating >= 4.50;

# Question number 2end

SELECT d.First\_Name,d.Last\_Name ,r.Driver\_id ,

COUNT( r.Ride\_ID) as total\_num\_of\_rides FROM rides r

INNER JOIN driver d ON d.Driver\_ID=r.Driver\_id

GROUP BY Driver\_id;

# Question number 3rd

SELECT r.\* FROM riders r

LEFT JOIN rides ri ON ri.Rider\_ID = r.Rider\_ID

WHERE ri.Rider\_ID IS null;

# Question number 4th

SELECT d.First\_Name ,AVG(r.fare)

FROM rides r

INNER JOIN driver d

ON d.Driver\_ID = r.Driver\_id GROUP BY r.Driver\_id;

# Question number 5th

SELECT r.Rider\_ID ,ri.First\_Name,ri.Last\_Name ,MAX(r.RideDate) AS recent\_ride FROM rides r INNER JOIN riders ri ON ri.Rider\_ID = r.Rider\_ID

WHERE r.Ride\_ID;WHERE r.Ride\_ID;

# Question number 6th

SELECT ri.City , COUNT(r.Ride\_ID)

FROM rides r

INNER JOIN riders ri ON ri.Rider\_ID = r.Rider\_ID

GROUP BY ri.City;

# Question number 7th

SELECT Ride\_ID, Distance FROM rides WHERE Distance>15;

# Question number 8th

SELECT PaymentMethod MostPreferredPaymethod ,

COUNT(PaymentMethod) AS NumberOfTime FROM payments GROUP BY PaymentMethod

ORDER BY NumberOfTime DESC LIMIT 1;

# Question number 9th

SELECT d.Driver\_id,d.First\_Name,d.Last\_Name,sum(fare) FROM rides r INNER JOIN driver d ON d.Driver\_ID = r.Driver\_id GROUP BY r.Driver\_id ORDER by sum(fare) DESC LIMIT 3 ;

# Question number 10th

SELECT d.Driver\_ID,concat(d.First\_Name," ",d.Last\_Name) AS name,

r.Ride\_ID,concat(ri.First\_Name," ",ri.Last\_Name) as name, r.RideStatus

FROM rides r

INNER JOIN driver d ON d.Driver\_ID = r.Driver\_id

INNER JOIN riders ri ON ri.Rider\_ID=r.Rider\_ID

WHERE RideStatus = 'cancelled';