1) Day\_14\_session\_1\_Question\_1

# You are using MYSQL

select u.name as name, IFNULL(sum(r.distance),0) as travelled\_distance

from Users u

LEFT OUTER JOIN Rides r

on u.id = r.user\_id

group by u.name

order by sum(r.distance) desc, u.name;

2) Day\_14\_session\_1\_Question\_2

# You are using MYSQL

SELECT \* FROM employee

WHERE salary>3000 AND months<10;

3) Day\_14\_session\_1\_Question\_3

# You are using MYSQL

SELECT s.show\_name,s.from\_year,s.to\_year

FROM shows s

join genres g

on s.genre\_id = g.id

where g.genre\_name = 'action'

and s.from\_year = 2010;

4) Day\_14\_session\_2\_Question\_1

# You are using MYSQL

SELECT p.product\_name, s.year, s.price

FROM Sales s

Join Product p

on s.product\_id = p.product\_id

order by s.year;

5) Day\_14\_session\_2\_Question\_2

# You are using MYSQL

SELECT u.unique\_id, e.name

FROM Employees e

LEFT OUTER JOIN EmployeeUNI u

on e.id = u.id

order by ifnull(u.unique\_id,100);

6) Day\_14\_session\_2\_Question\_3

SELECT customer\_id,name

FROM (

select o.customer\_id,c.name,

sum(case when left(o.order\_date,7) = '2020-06' then p.price \* o.quantity end) as JuneSpend,

sum(case when left(o.order\_date,7) = '2020-07' then p.price \* o.quantity end) as JulySpend

FROM Orders o

left join Customers c on o.customer\_id = c.customer\_id

left join Product p on o.product\_id = p.product\_id

group by o.customer\_id

having JuneSpend >= 100 and JulySpend >= 100

) as temp

7) Day\_14\_session\_3\_Question\_1

SELECT p.product\_name,s.year,s.price

FROM sales s inner join product p

ON s.product\_id = p.product\_id;

8) Day\_14\_session\_3\_Question\_2

-- # You are using MYSQL

SELECT p.product\_id,p.product\_name

FROM Product p, Sales s

where p.product\_id = s.product\_id

AND s.sale\_date between '2019-01-01' AND '2019-01-31';