

Note: please do not use any functions which are not taught in the class. you need to solve the questions only with the concepts that have been discussed so far.

Run the following command to add and update dob column in employee table

```
alter table employee add dob date;
```

```
update employee set dob = dateadd(year,-1*emp_age,getdate())
```

1- write a query to print emp name , their manager name and difference in their age (in days)

for employees whose year of birth is before their managers year of birth

2- write a query to find subcategories who never had any return orders in the month of november (irrespective of years)

3- orders table can have multiple rows for a particular order\_id when customers buys more than 1 product in an order.

write a query to find order ids where there is only 1 product bought by the customer.

4- write a query to print manager names along with the comma separated list(order by emp salary) of all employees directly reporting to him.

5- write a query to get number of business days between order\_date and ship\_date (exclude weekends).

Assume that all order date and ship date are on weekdays only

6- write a query to print 3 columns : category, total\_sales and (total sales of returned orders)

7- write a query to print below 3 columns

category, total\_sales\_2019(sales in year 2019), total\_sales\_2020(sales in year 2020)

8- write a query print top 5 cities in west region by average no of days between order date and ship date.

9- write a query to print emp name, manager name and senior manager name  
(senior manager is manager's manager)