Write a query to display the unique appointment information of all the patients. Give an alias name as 'Appointment\_Info' for the appointment information of all the patients.

Sort the results based on the Appointment\_Info in descending order.

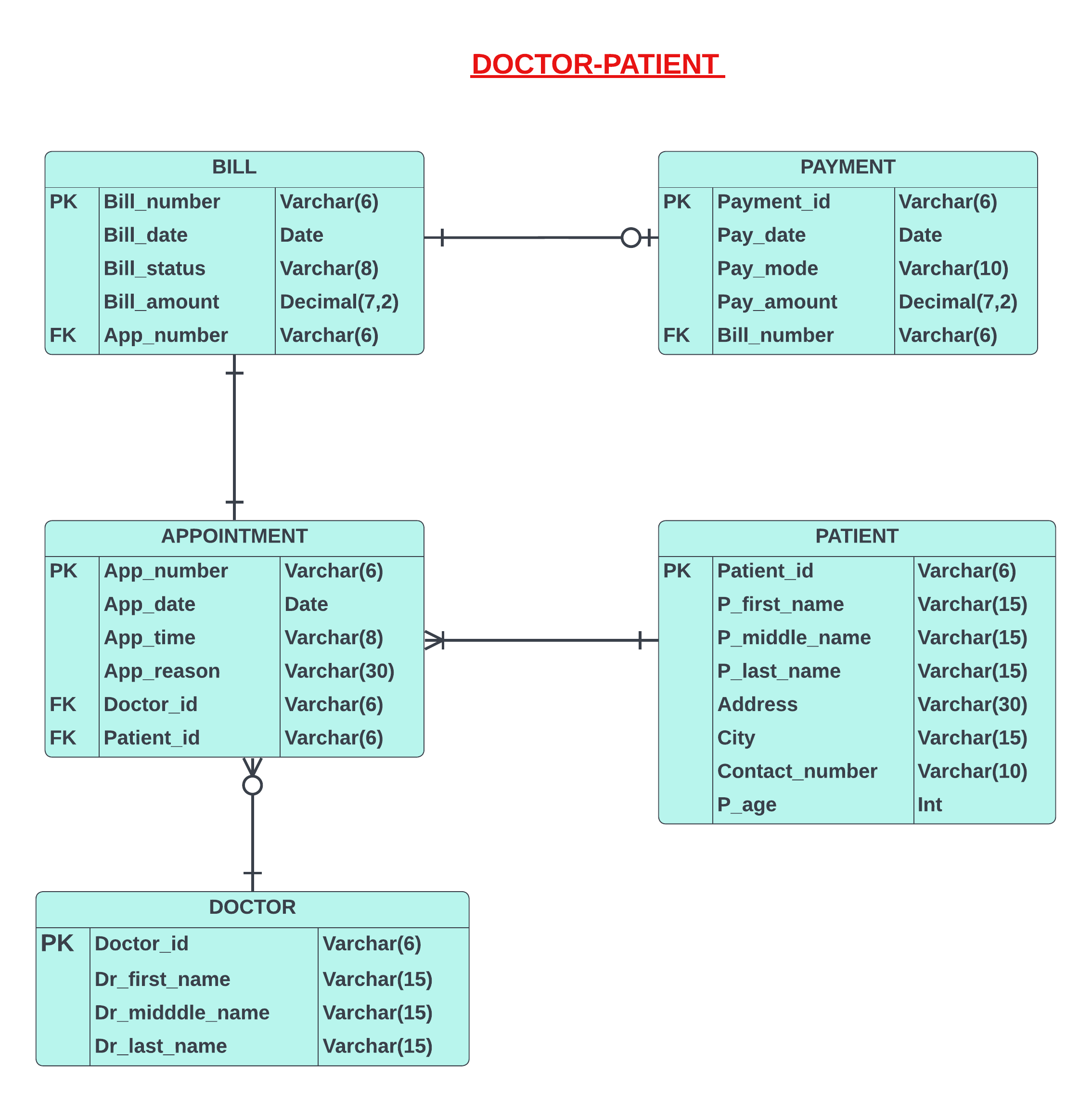
**Sample Data:**

**p\_first\_name** has an appointment with Dr.**dr\_first\_name**

**Sample Output:**

**Appointment\_Info**

Angel has an appointment with Dr.Santner



Answer

SELECT DISTINCT CONCAT(p\_first\_name," ","has an appointment with Dr.",dr\_first\_name," ") AS Appointment\_Info

FROM patient p

JOIN appointment a ON p.patient\_id=a.patient\_id

JOIN doctor d ON a.doctor\_id=d.doctor\_id

ORDER BY Appointment\_Info desc

Write a query to display the patient's first name and bill amount of all the patients who paid the bills on the billed date.

Sort the records based on the patient's first name in descending order.

**Sample Data**

**p\_first\_name             bill\_amount           bill\_date            pay\_date**

Adam                          300                       12-08-2022        14-08-2022

Archer                         450                       17-11-2022        17-11-2022

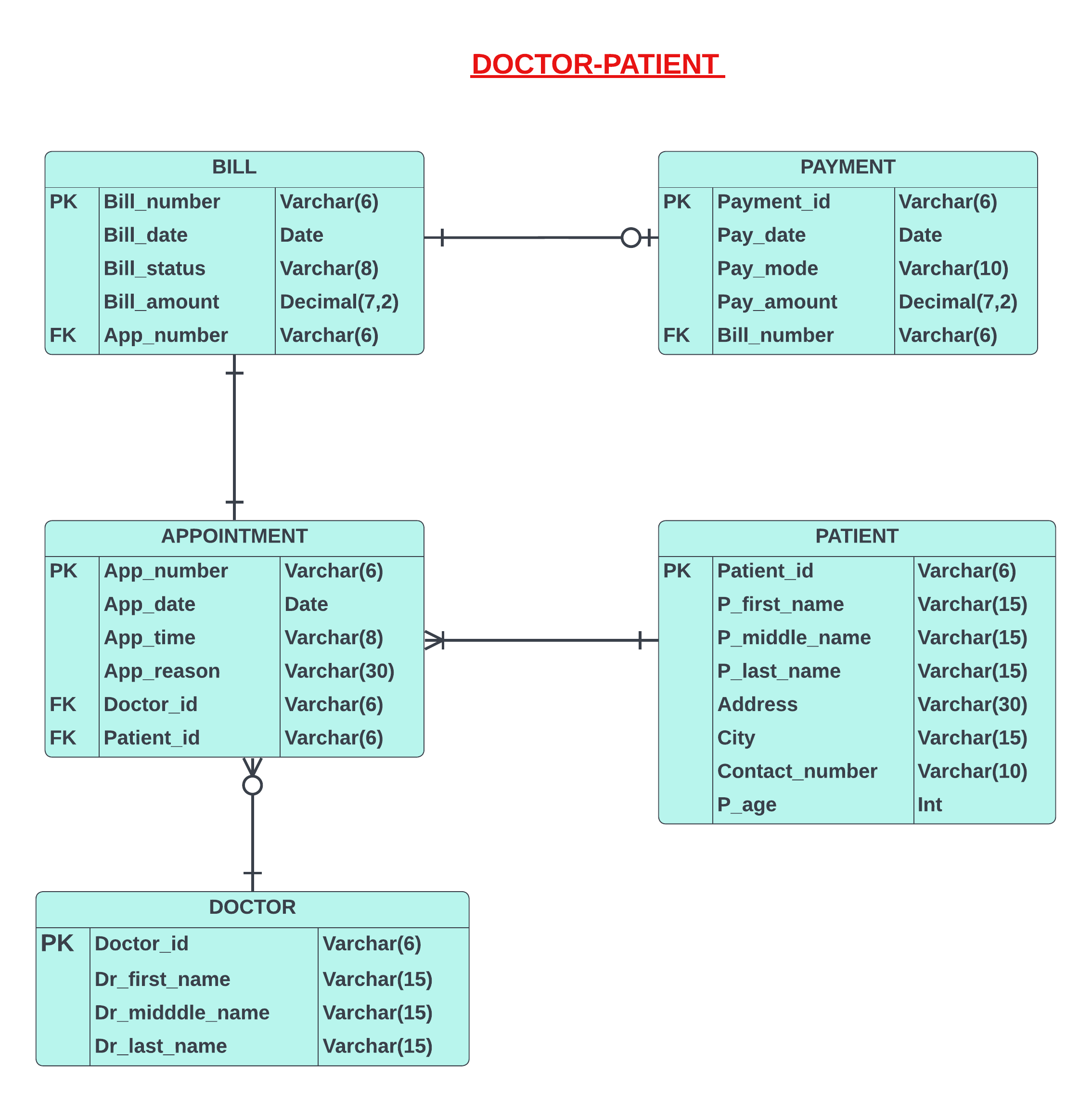
Mathew                      700                       26-10-2022        26-10-2022

**Sample Output:**

**p\_first\_name             bill\_amount**

Archer                         450

Mathew                      700



Answer

select p.p\_first\_name,b.bill\_amount

from Patient p join Appointment a on

p.patient\_id=a.patient\_id join

Bill b on

a.app\_number=b.app\_number join

payment pm on b.bill\_number=pm.bill\_number

where(b.bill\_date=pm.pay\_date)

order by p.p\_first\_name desc;

Write a query to display the Recharge Information. Give an alias name as "RECHARGE\_INFO".

Sort the records based on the RECHARGE\_INFO in ascending order.

**Sample Data:**

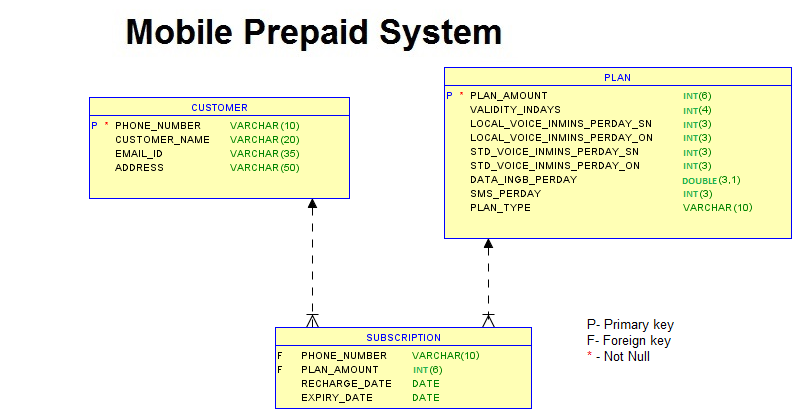
**RECHARGE\_INFO**

On**Recharge\_Date, Customer\_Name** recharged his/her phone number

**Sample Output:**

**RECHARGE\_INFO**

On April, Justin Geller recharged his/her phone number



Answer

select CONCAT("On ",date\_format(r.recharge\_date,'%M'),",",c.customer\_name," recharged his/her phone number")

as RECHARGE\_INFO

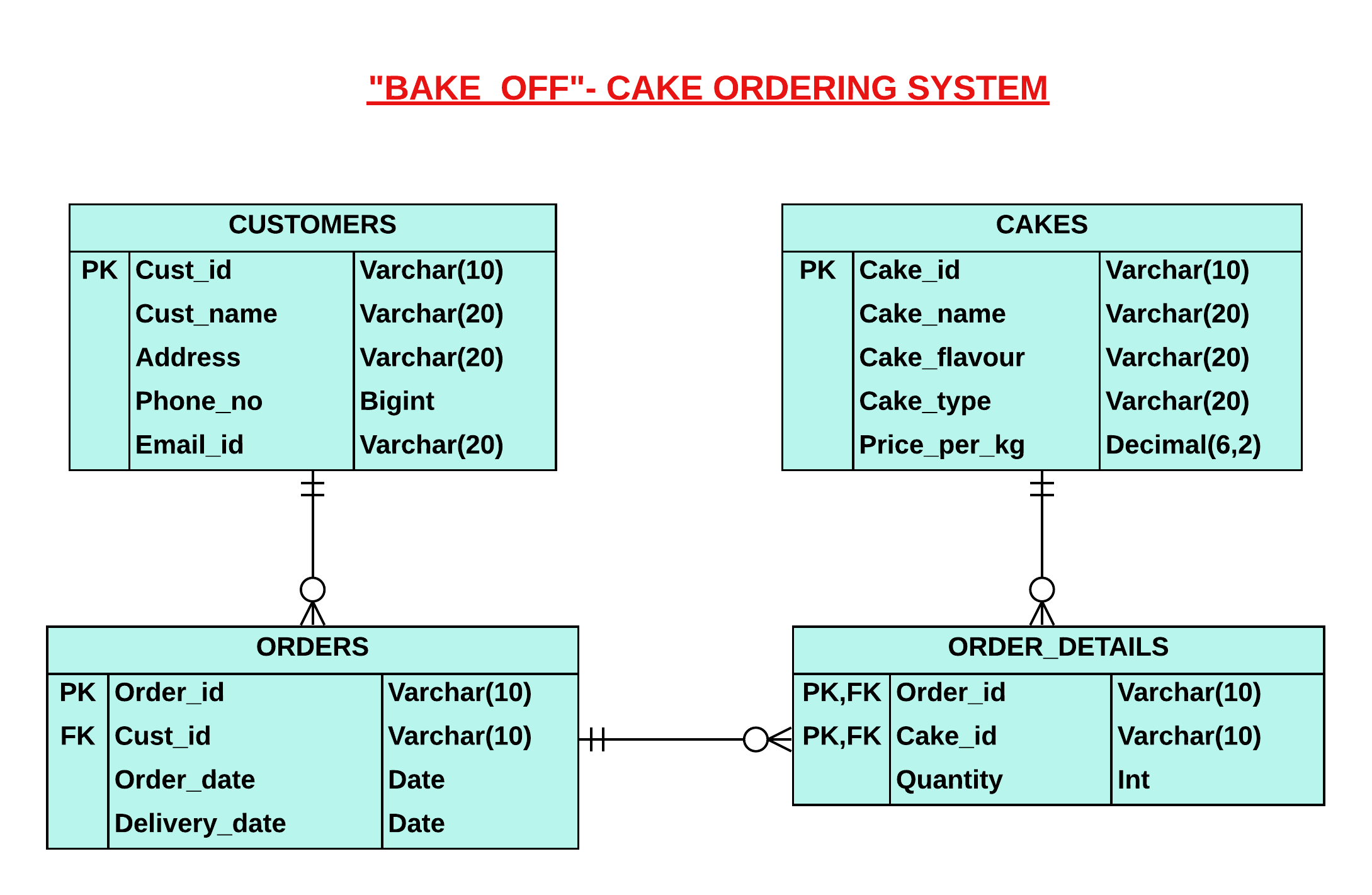
from subscription r join customer c

on r.phone\_number=c.phone\_number

order by RECHARGE\_INFO asc;

The shop manager likes to take a list of customers who ordered cakes from 'February' to 'August'. Write a query to display the unique customer name, email id and phone number of all customers.

Sort the results based on the customer name in ascending order.



Answer

select distinct Cust\_name, email\_id, Phone\_no

from customers

join orders on orders.cust\_id = customers.cust\_id

where month(orders.Order\_date) >= 2 and month(orders.Order\_date) <=8

order by customers.Cust\_name;

The government has increased the minimum premium amount based on the minimum year of a policy.

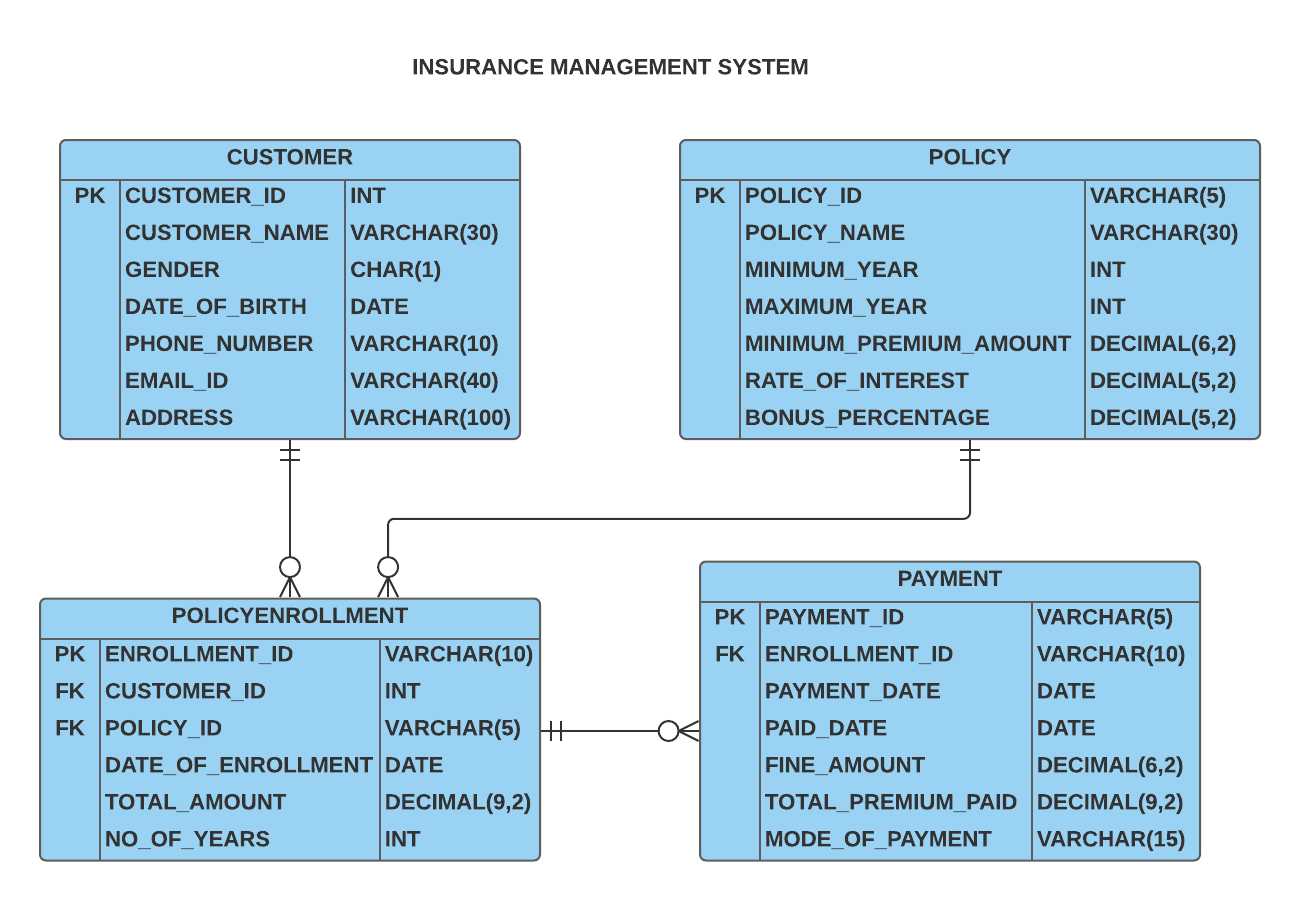
Write a query to display the policy id, policy name, bonus percentage and Updated\_Premium\_Amount of all the policies.

Sort the results based on the policy id in descending order.

Updated\_Premium\_Amount is calculated based on the following conditions:

If the minimum year of policy is in the range of 1 to 15, then add 100 to the minimum premium amount.

Otherwise, add 150 to the minimum premium amount.



Answer

select POLICY\_ID, POLICY\_NAME, BONUS\_PERCENTAGE, case

when(minimum\_year between 1 and 15) then (minimum\_premium\_amount +100)

else (minimum\_premium\_amount + 150)

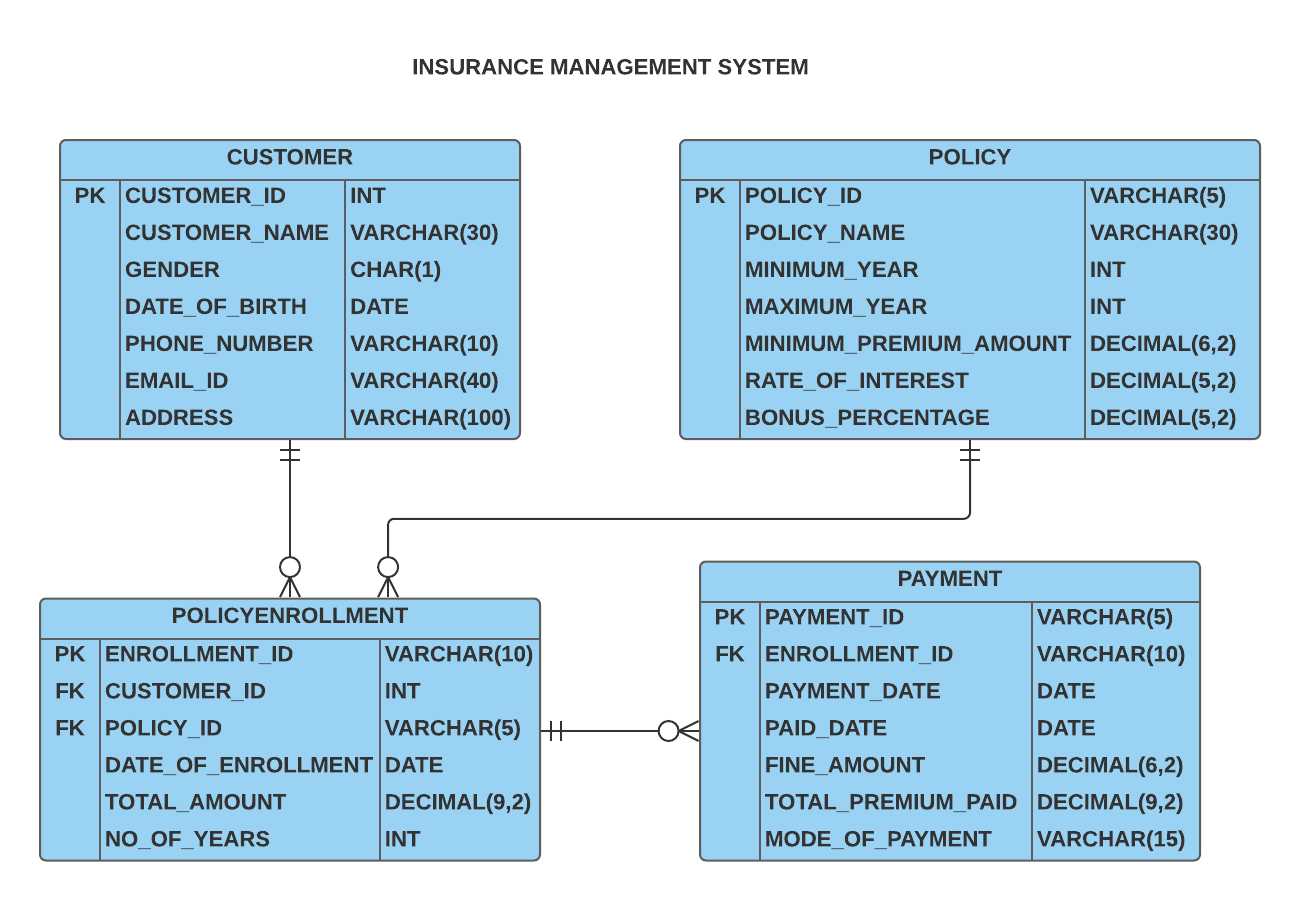
end as Updated\_Premium\_Amount from policy

order by POLICY\_ID DESC;

Write a query to display the customer id, customer name and birth month of all the customers whose addresses don't contain 'Street'. Give an alias name for the birth month as 'BIRTH\_MONTH'.

Sort the results based on the customer id in descending order.

(Note: Data is case-sensitive.)



Answer

select CUSTOMER\_ID,CUSTOMER\_NAME,Month(DATE\_OF\_BIRTH)

as BIRTH\_MONTH from CUSTOMER where ADDRESS

not like '%Street%' order by CUSTOMER\_ID desc;

Write a query to display the movie name and released month as given in the sample output. Give an alias name as "MOVIE\_MONTH**"**

Sort the records based on the **MOVIE\_MONTH** in ascending order.

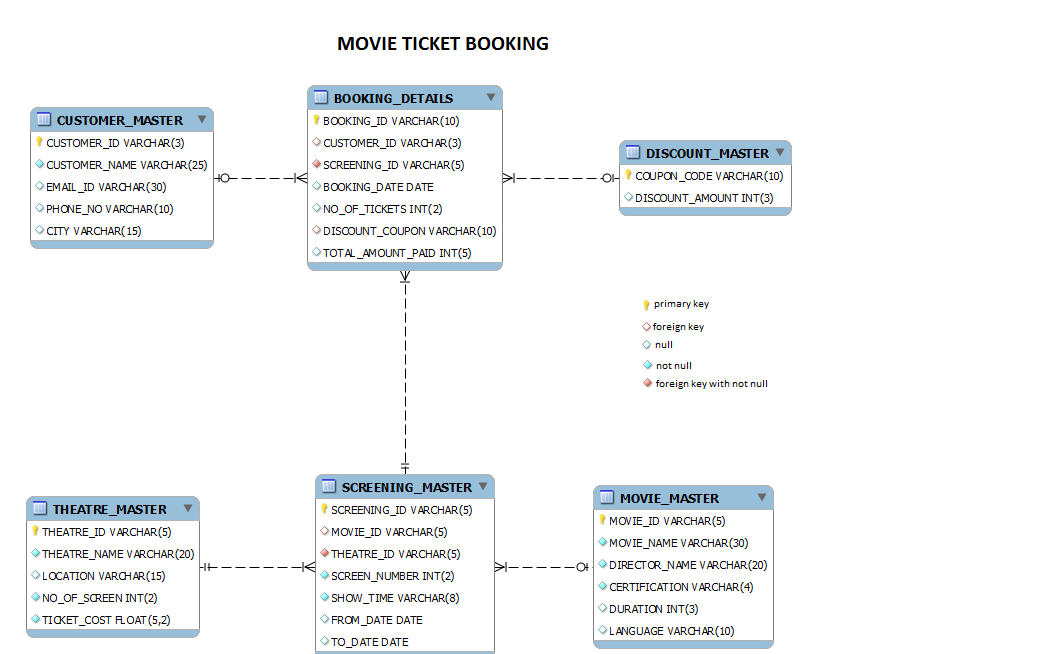
**Sample Data:**

**MOVIE\_NAME**released on **FROM\_DATE**

**Sample Output:**

**MOVIE\_MONTH**

Avatar2 released on December



Answer

SELECT CONCAT(MOVIE\_NAME,'released on ', DATE\_FORMAT(FROM\_DATE,'%M'))AS MOVIE\_MONTH FROM SCREENING\_MASTER

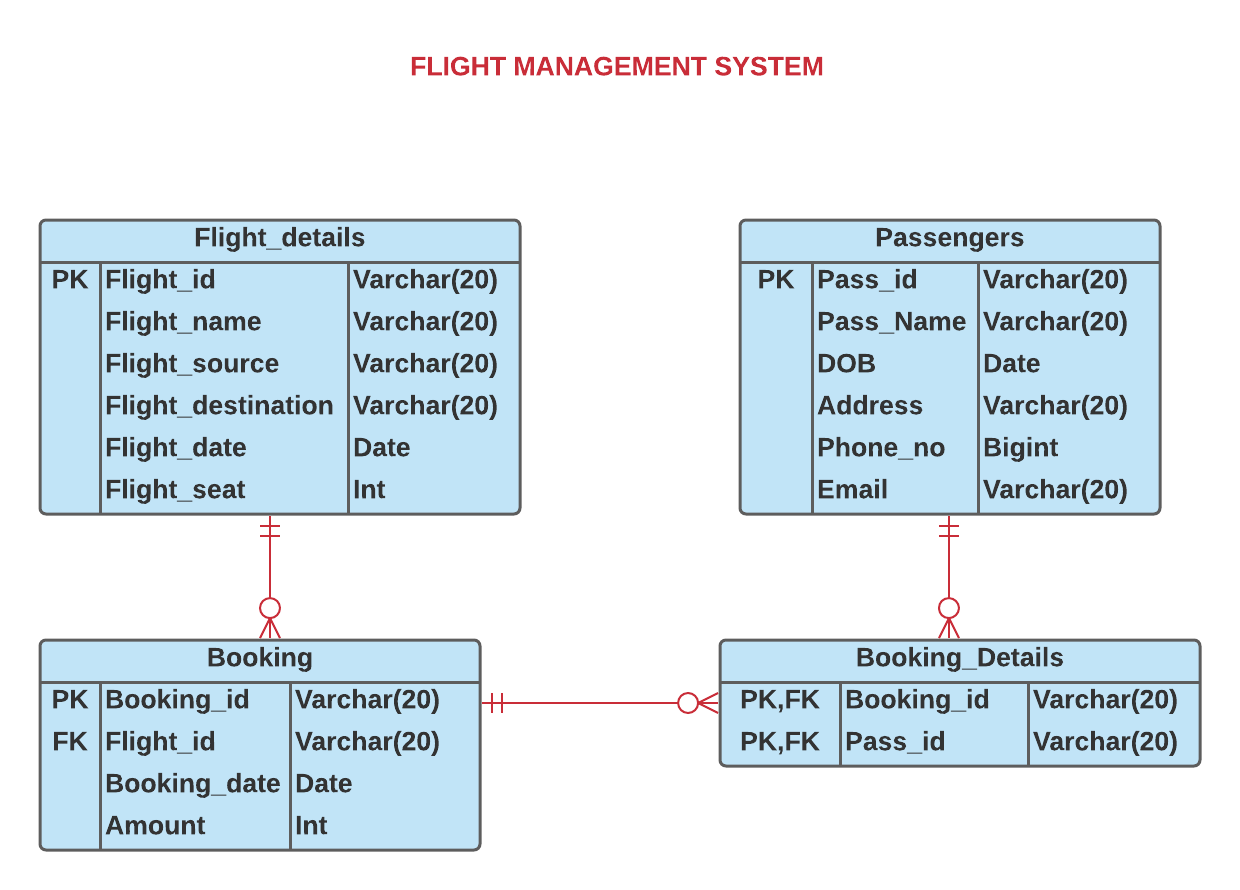
INNER JOIN MOVIE\_MASTER ON SCREENING\_MASTER.MOVIE\_ID=MOVIE\_MASTER.MOVIE\_ID

ORDER BY MOVIE\_MONTH;

Write a query to display the name and source of all the flights that arrive in the same city,if and only if the flight doesn't arrive in 'Chicago'.

Sort the results based on the destination in ascending order and the name in ascending order.

(Note:Data is case sensitive.)



Answer

SELECT Flight\_name,Flight\_source

FROM Flight\_details

where Flight\_destination IN(Select Flight\_destination FROM Flight\_details where Flight\_destination <>"Chicago"

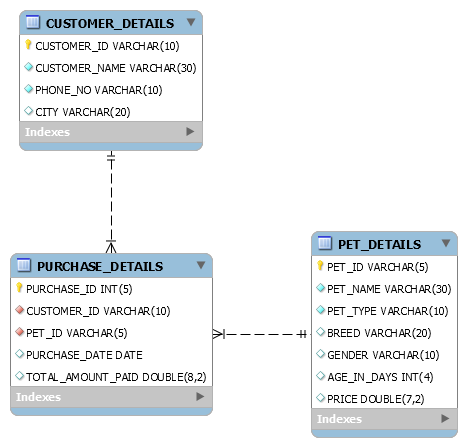
GROUP BY Flight\_destination HAVING COUNT(DISTINCT Flight\_name)>1)

order by Flight\_destination asc,Flight\_name asc;

Write a query to display the city and number of customers from each city other than 'Mysore'. Give an alias name as 'NO\_OF\_CUSTOMERS' for the number of customers from each city.

Sort the results based on the city in descending order.

(Note: Data is case sensitive.)



Answer

SELECT CITY,Count(Customer\_Name) AS NO\_OF\_CUSTOMERS

FROM CUSTOMER\_DETAILS

WHERE CITY <>'Mysore'

Group by CITY

order by CITY DESC;