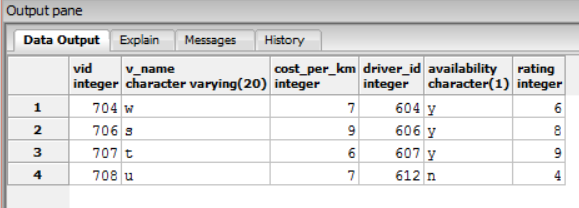
**Queries**

**1.Give details of vehicle booked between particular date(e.g 2016-04-12 and 2016-09-12)**

select vehicle.\*from vehicle natural join(

select \* from booking where booking\_date between '2016-04-12'and'2016-09-12')as r1;



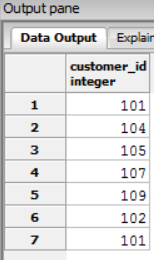
**2.List customer id who have got discount more than 5**

select customer\_id from bill join (

select \*from discount where dis\_amount>5

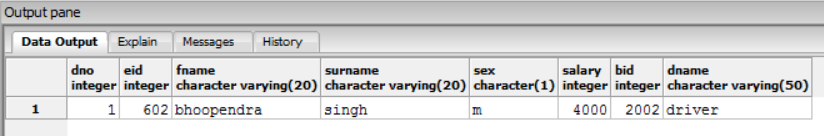
) as r

on r.dis\_id=bill.discount\_id;



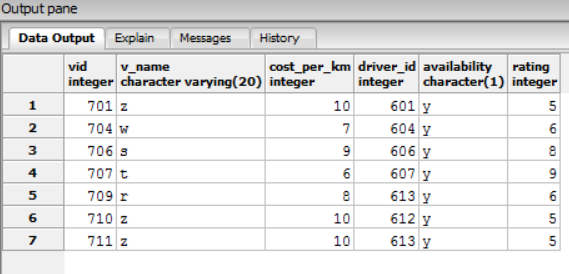
**3.Details of employee where dname is driver and branch name is B**

select r1.\*from branch join (select \*from employee natural join department where dname='driver')as r1 on branch.branch\_id=r1.bid where branch\_name='B';



**4.List down all the vehicles available with rating greater than 4**

select \*from vehicle where availability='y'and rating>4;



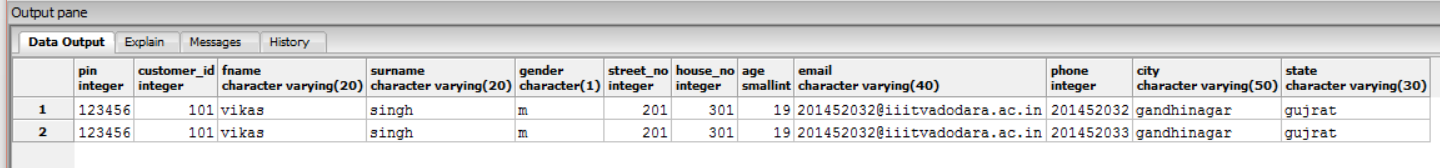
**5.list down details of customer including email and phone who have booked the service more than once**

select \* from customer natural join customer\_email natural join customer\_phone natural join pin\_code

where customer\_id in

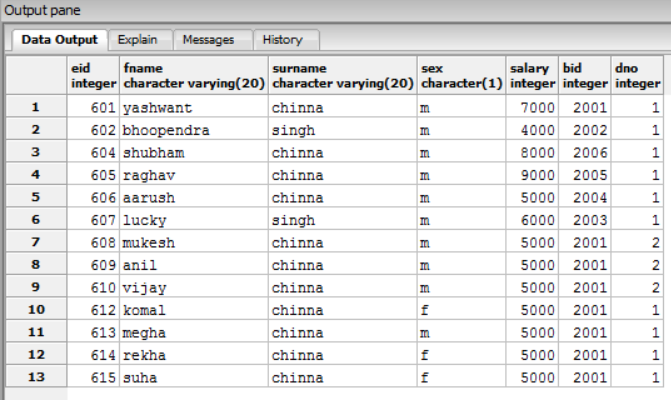
(select cid from (select cid,count(booking\_no) as number from booking group by cid having count(booking\_no)>1)as r2

);



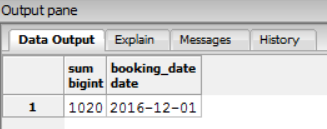
**6.list employees of dno 1 who were free on particular date(e.g 2016-12-01)**

select \* from employee where eid not in(select driver\_id from vehicle natural join booking where booking\_date='2016-12-01');



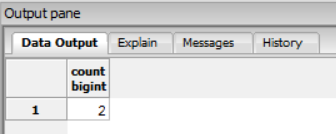
**7. find the date on which total amount is maximum;**

select sum(total\_amount),booking\_date from bill join booking on (bill.booking\_no=booking.booking\_no) group by booking\_date order by sum desc limit 1;



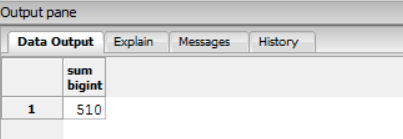
**8. Number of bookings by customer\_id 101**

select count(booking\_no) from booking where cid=101;



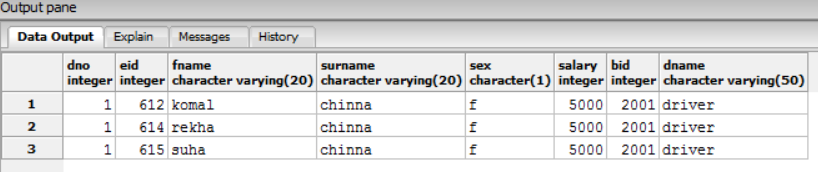
**9. total bill amount on particular date(e.g 2016-12-01)**

select sum(total\_amount) from (select booking\_no from booking where booking\_date='2016-12-01') as r1 natural join bill;



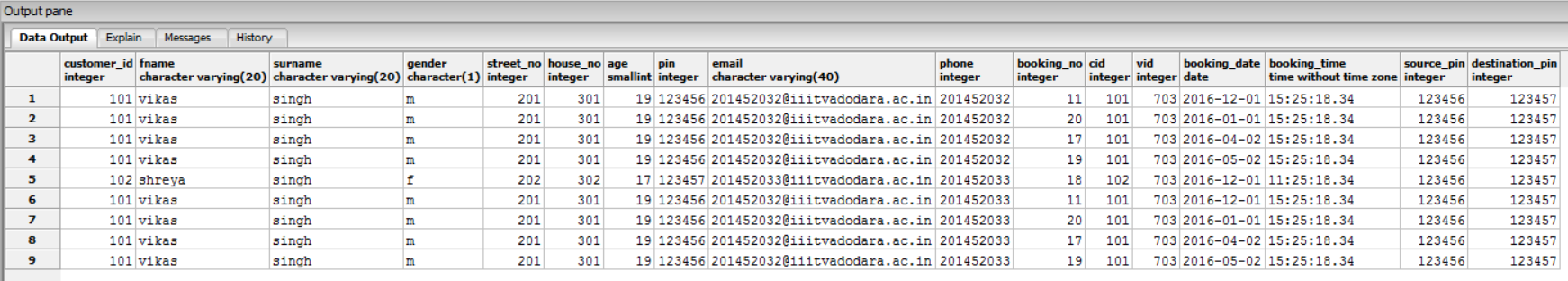
**10.list down salary along with other details of female drivers having salary greater than 4000**

select \* from employee natural join department where dname='driver' and sex='f' and salary>4000;



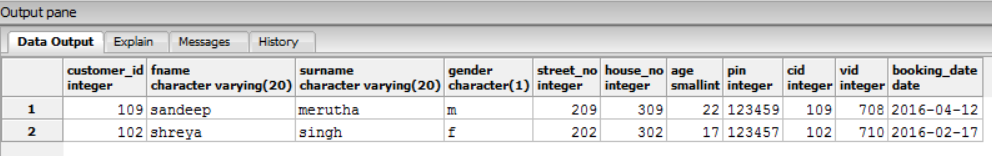
**11.list down all journey and customer detail of journey from Gandhinagar to Jaipur**

select \* from customer natural join customer\_email natural join customer\_phone join (select \* from booking where source\_pin in(select pin from pin\_code where city='gandhinagar') and destination\_pin in(select pin from pin\_code where city='jaipur'))as r1 on r1.cid=customer.customer\_id;



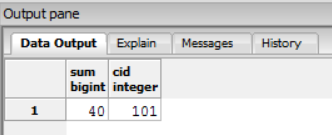
**12.find customer detail who have gone with female driver**

select \* from customer join (select cid,vid,booking\_date from booking natural join (select \* from vehicle join (select \* from employee natural join department where sex='f'and dname='driver')as r1 on r1.eid=vehicle.driver\_id)as r2)as r3 on r3.cid=customer.customer\_id;



**13.** **find customer id who have got maximum total amount**

select sum(dis\_amount),cid from discount join bill on bill.discount\_id=discount.dis\_id join booking on (bill.booking\_no=booking.booking\_no) group by cid order by sum desc limit 1;

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**14.find out the vehicle which have earned maximum revenue**

select \* from vehicle natural join (select vid,sum(total\_amount) from bill group by vid order by sum desc limit 1)as r1;

