```
1    create database dbms1;
     use dbms1;
     create table d(
       d_id int,
       d_dept varchar(20),
       d_name varchar(20),
     );
     create table P(
      p_id int,
      p_name varchar(20),
      p_date date,
     );
     create table r(
      d_id int,
      p_id int,
     );
     insert into D values (1,'abc','Rajesh');
     insert into D values (2,'def','Amit');
     insert into D values (3,'Qwerty','Subhash');
     insert into D values (4,'asdf','Roman');
     insert into D values (5,'affh','Reign');
     insert into D values (6,'hydra','Mortal');
     insert into D values (7,'Bott','Dyanamo');

     insert into p values (1,'Rajan','2020-07-15');
     insert into p values (2,'Sushil','2020-07-15');
     insert into p values (3,'surya','2020-07-15');
     insert into p values (4,'mayank','2020-07-16');
     insert into p values (5,'Rohit','2020-07-16');
     insert into p values (6,'gaurav','2020-07-17');
     insert into p values (7,'ruchit','2020-07-18');
     insert into p values (8,'manish','2020-07-19');
     insert into p values (9,'hardik','2020-07-19');
     insert into p values (10,'prashant','2020-07-19');
     insert into p values (11,'virat','2020-07-19');
     insert into p values (12,'rajan','2020-07-20');
     insert into p values (13,'gaurav','2020-07-21');
     insert into p values (14,'abhishek','2020-07-23');
     insert into p values (15,'vikas','2020-07-24');

     insert into r values (1,1);
     insert into r values (1,7);
     insert into r values (1,9);
     insert into r values (2,2);
     insert into r values (2,3);
     insert into r values (2,11);
     insert into r values (3,4);
     insert into r values (3,8);
     insert into r values (3,10);
     insert into r values (4,5);
     insert into r values (4,6);
     insert into r values (5,12);
     insert into r values (6,13);
     insert into r values (7,14);
     insert into r values (7,15);


2. d.d_name,d.d_dept,p.p_name from ((d inner join r on d.d_id=r.d_id) inner join p on
p.p_id=r.p_id);

3  select count(p_date) as num,p_date from p group by p_date;
```

Results.

d_name	d_dept	p_name
Rajesh	abc	Rajan
Amit	def	Sushil
Amit	def	surya
Subhash	Qwerty	mayank
Roman	asdf	Rohit
Roman	asdf	gaurav
Rajesh	abc	ruchit
Subhash	Qwerty	manish
Rajesh	abc	hardik
Subhash	Qwerty	prashant
Amit	def	virat
Reign	affh	rajan
Mortal	hydra	gaurav
Dyanamo	Bott	abhishek
Dyanamo	Bott	vikas

3	2020-07-15
2	2020-07-16
1	2020-07-17
1	2020-07-18
4	2020-07-19
1	2020-07-20
1	2020-07-21
1	2020-07-23
1	2020-07-24