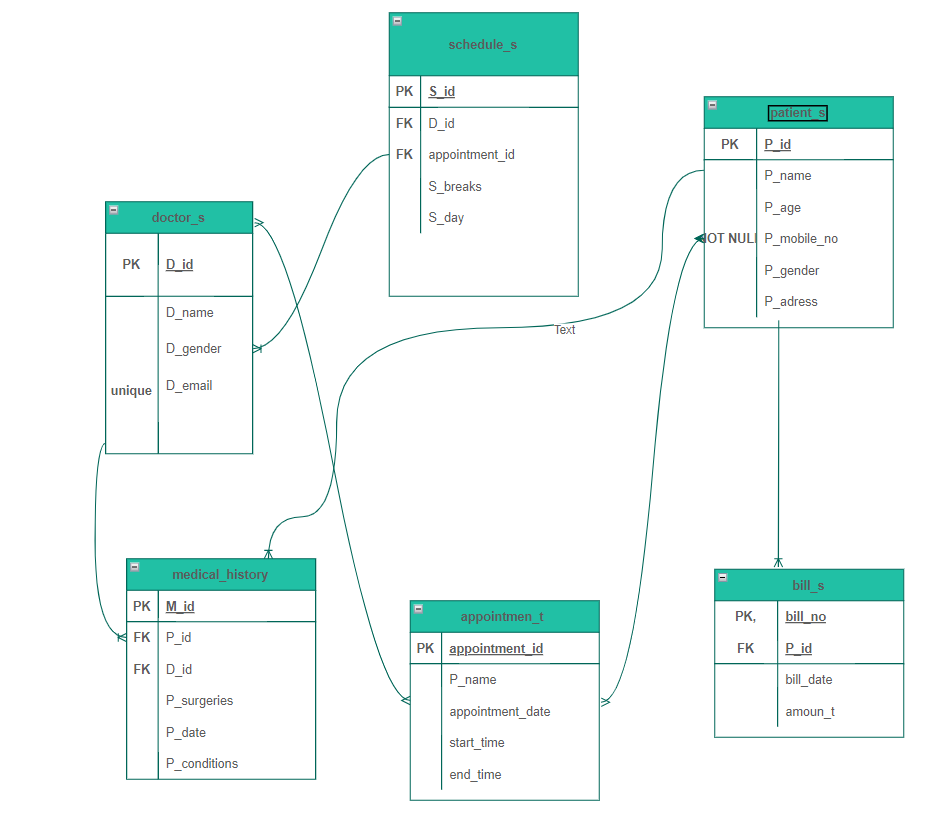
**HOSPITAL MANAGEMENT  
SYSTEM**

**SCHEMA DIAGRAM**



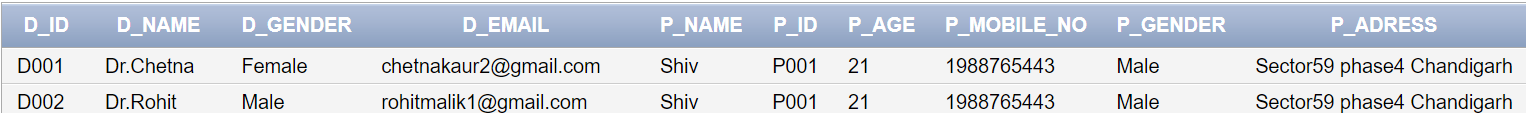
Tables:

1. **doctor\_s**

create table doctor\_s(D\_id varchar(32 )primary key,D\_name varchar(22),D\_gender varchar(33),D\_email varchar(35) unique);

insert into doctor\_s values('D001','Dr.Chetna','Female','chetnakaur2@gmail.com');

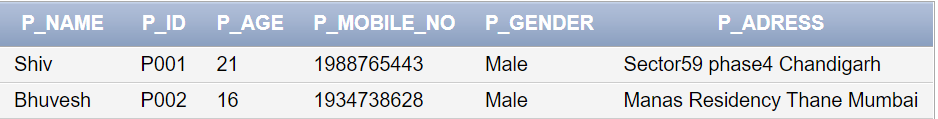
select \* from doctor\_s



1. **patient\_s**

create table patient\_s(P\_name varchar(32),P\_id varchar(32) primary key, P\_age int, P\_mobile\_no int NOT NULL,P\_gender varchar(32),P\_adress varchar(32));

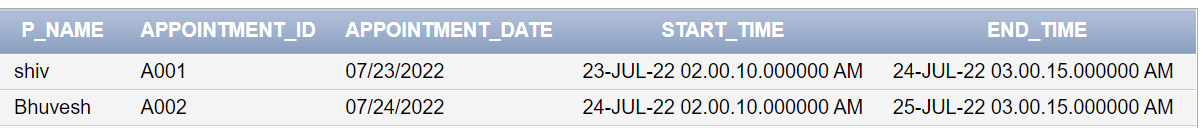
insert into patient\_s values('Shiv','P001',21,1988765443,'Male','Sector59 phase4 Chandigarh');



1. **appointmen\_t**

create table appointmen\_t(p\_name varchar(32),appointment\_id varchar(23) primary key,appointment\_date date,start\_time timestamp with local time zone,end\_time timestamp with local time zone);

insert into appointmen\_t values('shiv','A001',TO\_DATE('2022/07/23 ', 'yyyy/mm/dd'), to\_date( '2022/07/23 02:00:10','yyyy/mm/dd hh24:mi:ss'),to\_date('2022/07/24 03:00:15','yyyy/mm/dd hh24:mi:ss'));

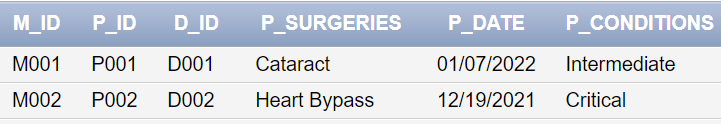


**4.** **medical\_history**

create table medical\_history(M\_id varchar(21) primary key, P\_id varchar(21),D\_id varchar(21),P\_surgeries varchar(31),P\_date date,P\_conditions varchar(51),

foreign key (P\_id) references patient\_s(P\_id), foreign key (D\_id) references Doctor\_s(D\_id));

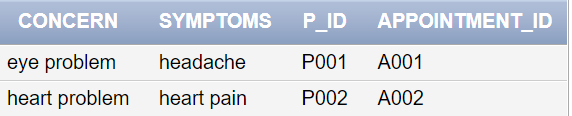
insert into medical\_history values('M001','P001','D001','Cataract',to\_date('07-Jan-2022','dd-mm-YYYY'),'Intermediate');



**5.patient\_s\_VS\_appointmen\_t**

create table patient\_s\_VS\_appointmen\_t(concern varchar(45),symptoms varchar(76),P\_id varchar(32),appointment\_id varchar(23),foreign key (P\_id) references patient\_s(P\_id),foreign key (appointment\_id) references appointmen\_t(appointment\_id));

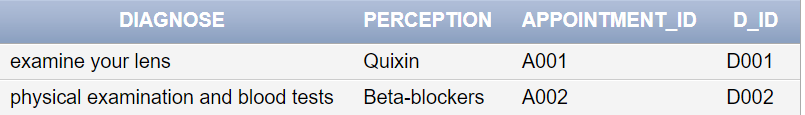
insert into patient\_s\_VS\_appointmen\_t values('eye problem','headache','P001','A001');



**6.appointmen\_t\_VS\_doctor\_s**

create table appointmen\_t\_VS\_doctor\_s(diagnose varchar(76),perception varchar (56),appointment\_id varchar(23),D\_id varchar(21), foreign key (D\_id) references Doctor\_s(D\_id),foreign key (appointment\_id) references appointmen\_t(appointment\_id));

insert into appointmen\_t\_VS\_doctor\_s values('examine your lens ','Quixin','A001','D001')

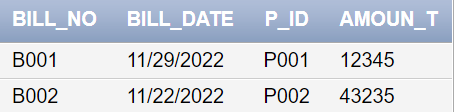


**7.bill\_s**

create table bill\_s(bill\_no varchar(10) primary key, bill\_date date, P\_id varchar(32),amoun\_t int, foreign key (p\_id) references patient\_s(p\_id));

drop table bill\_s

insert into bill\_s values('B001', to\_date('2022/11/29','YYYY/MM/DD'), 'P001',12345);



**8.schedule\_s**

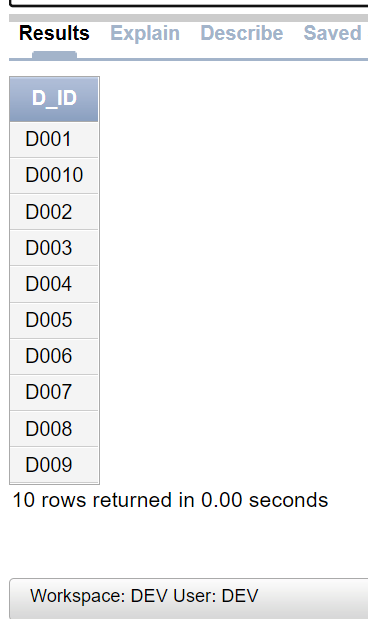
create table schedule\_s(S\_id varchar(32) primary key,S\_day varchar(42),S\_breaks varchar(52),appointment\_id varchar(23),D\_id varchar(32 ),foreign key (D\_id) references Doctor\_s(D\_id),foreign key (appointment\_id) references appointmen\_t(appointment\_id));

insert into schedule\_s values('S001','Monday','1hr','A001','D001')

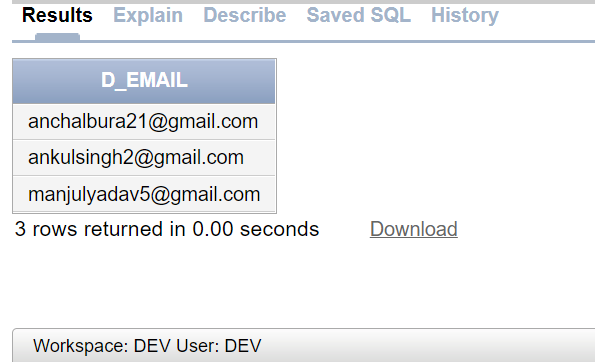


**Queries:**

**1.**SELECT DISTINCT D\_id FROM doctor\_s ;



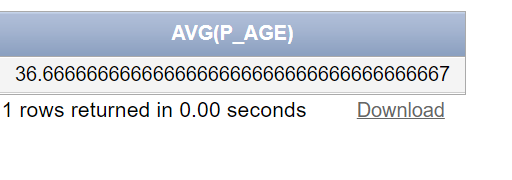
**2.**select D\_email from doctor\_s WHERE D\_name LIKE '%l'



1. SELECT AVG( P\_age)

FROM patient\_s

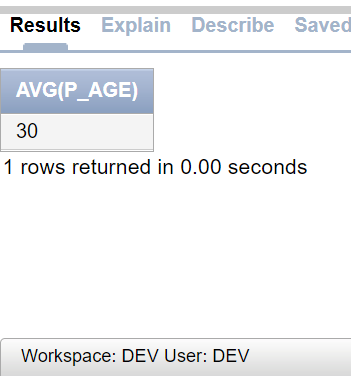
WHERE P\_gender ='Male'



1. SELECT AVG( P\_age)

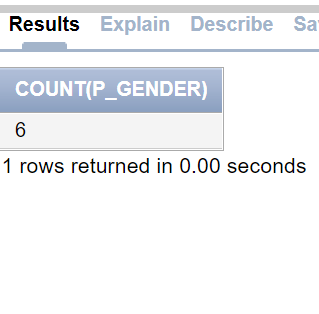
FROM patient\_s

WHERE P\_gender ='Female'



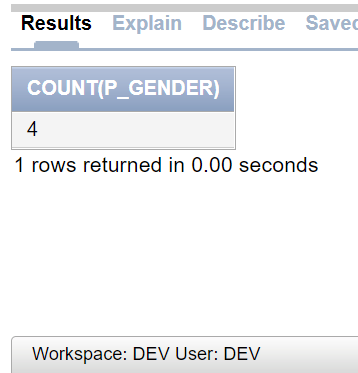
**5.**SELECT COUNT(P\_gender)

FROM Patient\_s where P\_gender='Male';



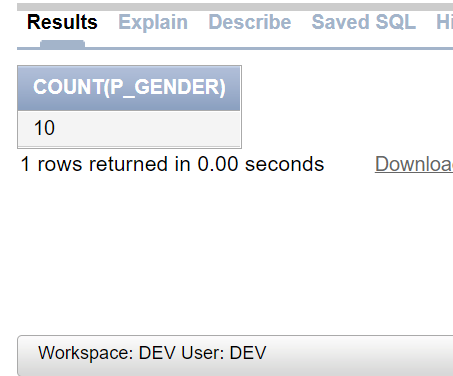
**6.**SELECT COUNT(P\_gender)

FROM Patient\_s where P\_gender='Female';



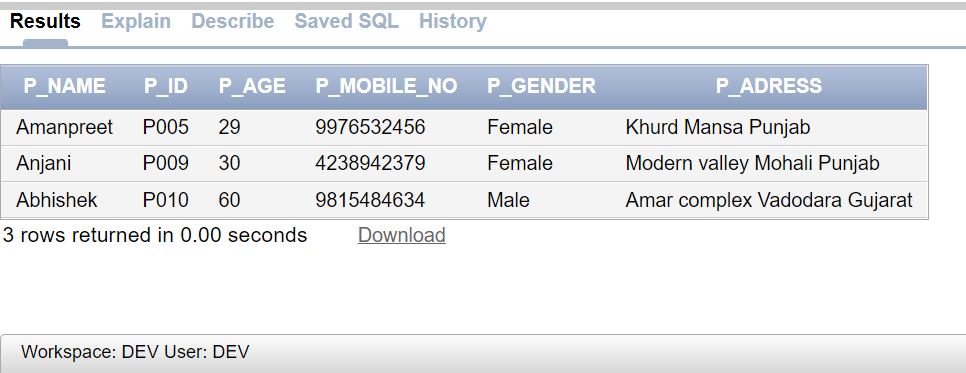
**7.**SELECT COUNT(P\_gender)

FROM Patient\_s;



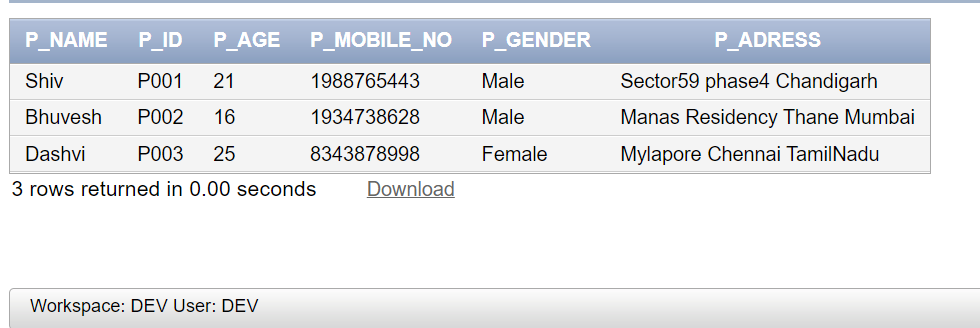
**8.**SELECT \* FROM Patient\_s

WHERE P\_name LIKE 'A%';



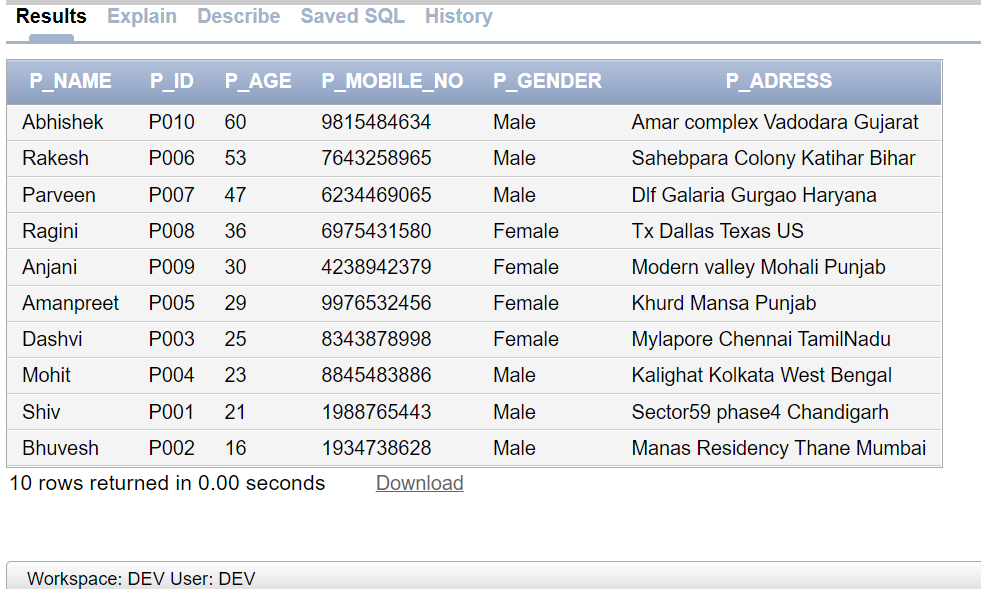
**9.**SELECT \* FROM Patient\_s

WHERE P\_age IN (21,16,25);



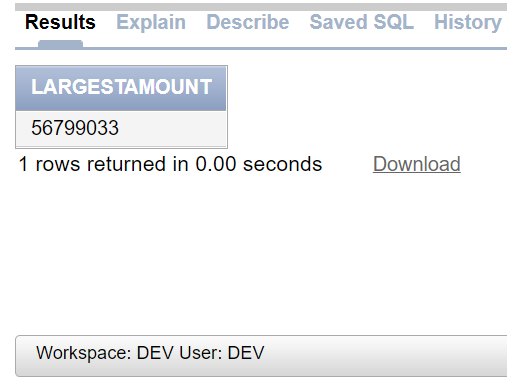
10.SELECT \* FROM Patient\_s

ORDER BY P\_age DESC;



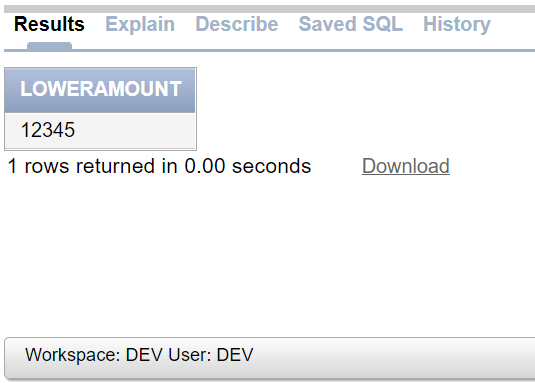
11.SELECT MAX(amoun\_t ) AS Largestamount

FROM bill\_s ;



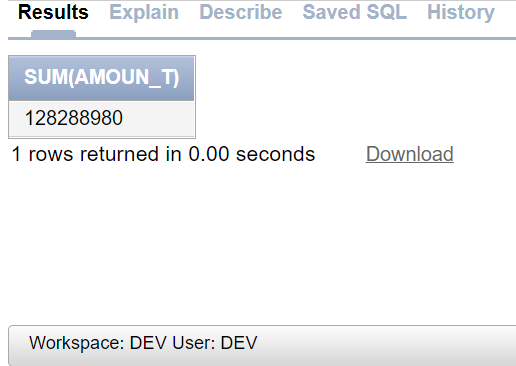
12.SELECT Min(amoun\_t ) AS Loweramount

FROM bill\_s ;

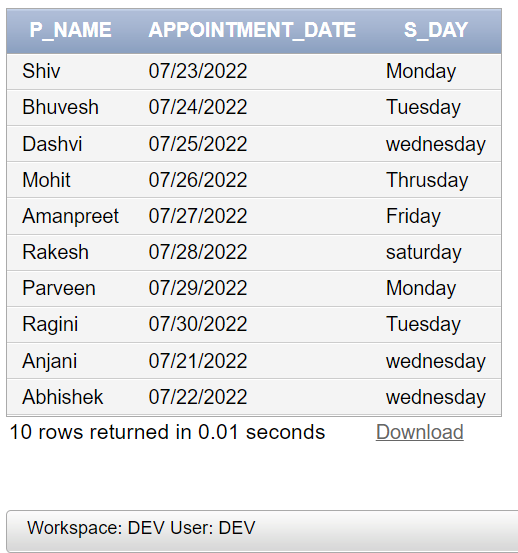


13.SELECT SUM(amoun\_t)

FROM bill\_s ;



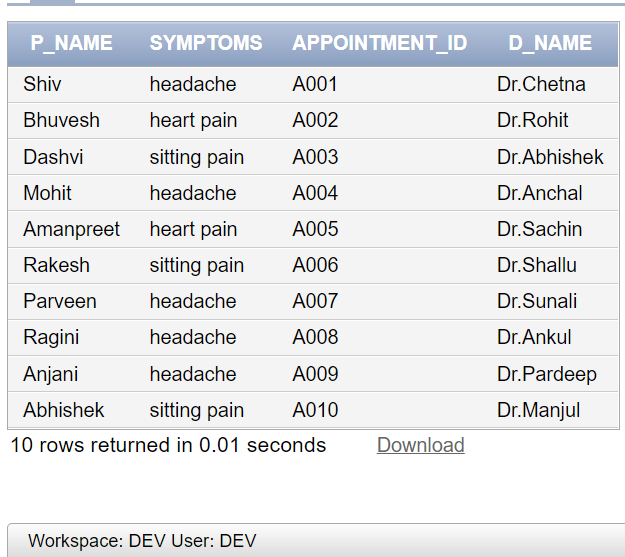
14.Select patient\_s.P\_name,appointmen\_t.appointment\_date,schedule\_s.S\_day from patient\_s inner join patient\_s\_VS\_appointmen\_t on patient\_s.P\_id=patient\_s\_VS\_appointmen\_t.p\_id inner join appointmen\_t on patient\_s\_VS\_appointmen\_t.appointment\_id=appointmen\_t.appointment\_id inner join schedule\_s on appointmen\_t.appointment\_id=schedule\_s.appointment\_id ;



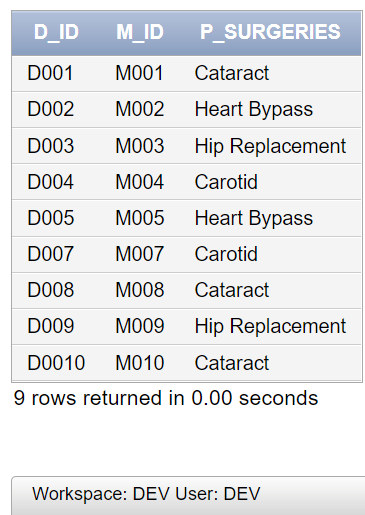
15.select patient\_s.P\_name,bill\_s.amoun\_t,bill\_s.bill\_date from patient\_s inner join bill\_s on patient\_s.P\_id=bill\_s.P\_id;



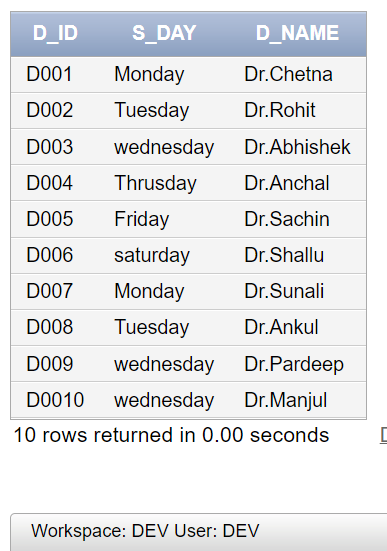
16.select patient\_s.P\_name,patient\_s\_VS\_appointmen\_t.symptoms,appointmen\_t.appointment\_id, doctor\_s.D\_name from patient\_s inner join patient\_s\_VS\_appointmen\_t on patient\_s.P\_id=patient\_s\_VS\_appointmen\_t.p\_id inner join appointmen\_t on patient\_s\_VS\_appointmen\_t.appointment\_id=appointmen\_t.appointment\_id inner join appointmen\_t\_VS\_doctor\_s on appointmen\_t.appointment\_id=appointmen\_t\_VS\_doctor\_s.appointment\_id inner join doctor\_s on appointmen\_t\_VS\_doctor\_s.D\_id=doctor\_s.D\_id;



17.select doctor\_s.D\_id,medical\_history.M\_id,medical\_history.P\_surgeries from medical\_history inner join doctor\_s on doctor\_s.D\_id=medical\_history.D\_id;

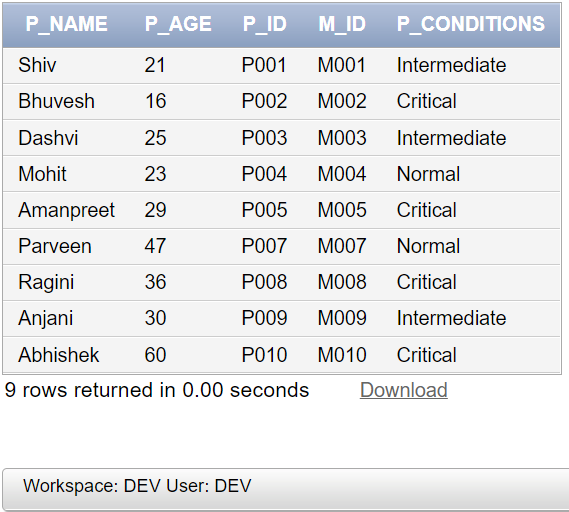


18.select doctor\_s.D\_id,schedule\_s.S\_day, doctor\_s.D\_name from doctor\_s inner join schedule\_s on doctor\_s.D\_id=schedule\_s.D\_id



19.select patient\_s.P\_name,patient\_s.P\_age,patient\_s.P\_id,medical\_history.M\_id,medical\_history.P\_conditions from patient\_s inner join medical\_history on

patient\_s.P\_id=medical\_history.P\_id ;



**20.**create view viewss as select patient\_s.P\_name,bill\_s.amoun\_t,bill\_s.bill\_date from patient\_s inner join bill\_s on patient\_s.P\_id=bill\_s.P\_id;

select \* from views

