**Task 3**

* Table hospital :

use db;

create table hospital(hno int primary key,hname varchar(10) not null,city varchar(10) not null ,Est\_year int check (Est\_year>1990),addr varchar(20) not null);

insert into hospital values(331,'rao hos','chennai',2000,'chennai'),

(441,'poona hos','pune',1999,'oune'),

(551,'kem hos','delhi',2014,'delhi'),

(661,'rubby hos','nashik',2004,'nashik'),

(771,'jahangir hos','mumbai',2008,'mumbai'),

(881,'wadiya hos','hyderabad',2020,'hydrabad');

select\* from hospital;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 331 | rao hos | chennai | 2000 | chennai |
| 441 | poona hos | pune | 1999 | oune |
| 551 | kem hos | delhi | 2014 | delhi |
| 661 | rubby hos | nashik | 2004 | nashik |
| 771 | jahangir hos | mumbai | 2008 | mumbai |
| 881 | wadiya hos | hyderabad | 2020 | hydrabad |

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* Table doctor :

use db;

use db;

create table doctor(dno int primary key ,dname varchar(20) not null,addr varchar(20)not null,Speciality varchar(20),salary int check (salary>0),hno int references hospital(hno));

insert into doctor values(01,'dr.sable','pune','paediatrics',55000,441),

(02,'dr.shinde','hydrabad','cardiologist',62000,881),

(03,'dr.pawar','mumbai','ENT',85000,771),

(04,'dr.bhate','chenni','dentist',82000,331),

(05,'dr.sharma','delhi','ortho',65000,551),

(06,'dr.swant','nashik','surgen',63000,661),

(07,'dr.khutwad','satara','urologiy',64000,441),

(08,'dr.jon','usa','general surheon',95000,551);

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | dr.sable | pune | paediatrics | 55000 | 441 |
| 2 | dr.shinde | hydrabad | cardiologist | 62000 | 881 |
| 3 | dr.pawar | mumbai | ENT | 85000 | 771 |
| 4 | dr.bhate | chenni | dentist | 82000 | 331 |
| 5 | dr.sharma | delhi | ortho | 65000 | 551 |
| 6 | dr.swant | nashik | surgen | 63000 | 661 |
| 7 | dr.khutwad | satara | urologiy | 64000 | 441 |
| 8 | dr.jon | usa | general surheon | 95000 | 551 |

1. use db;

8. use db;

select \*

from doctor,hospital

where doctor.hno=hospital.hno

and Speciality='general surheon' and city='delhi';

9. use db;

update hospital

set city='pimpari'

where Est\_year='2000';

10. use db;

select sum(salary) as total\_salary ,hname

from hospital,doctor

where hospital.hno=doctor.hno

group by hname;

11. use db;

select (12\*salary) as anual\_salary ,addr

from doctor

where addr='pune';

alter table hospital

drop column addr;

2. use db;

select dname,hname,Speciality

from doctor,hospital

where doctor.hno=hospital.hno

and city='pune';

3. use db;

select hname

from hospital

where city='pune';

4. use db;

select dname

from hospital,doctor

where hospital.hno=doctor.hno

and hname='kem hos' and city='delhi';

5. use db;

select Speciality

from hospital,doctor

where hospital.hno=doctor.hno

and hname='rubby hos';

6. use db;

select count(dname),hname

from hospital,doctor

where hospital.hno=doctor.hno

and city='delhi'

group by hname;

7. use db;

update doctor,hospital

set addr='pimpari'

where hospital.hno=doctor.hno

and hname='rubby hos';