

Example :

Table Name in Database : patient(pid,name,sex,age,address,email,contactno),
clinic(cid,name,address), staff(sid,name,role,cid,sex,age,email,contactno),
appointment(aid,description,appointmentdate,pid,sid,cidisvisit), treatment(tid,name,aid,cost),
bill(bid,aid,totalamount,ispaid)

Example : select * from clinic;

Example : select * from staff;

Example : SELECT

a.aid,a.description,a.appointmentdate,a.pid,a.sid,a.cid,a.isvisit,p.name,s.name,c.name FROM
appointment a, patient p, staff s, clinic c where a.pid=p.pid and a.sid=s.sid and a.cid=c.cid and a.sid
in (select sid from staff where s.name = 'William');

Example : SELECT

a.aid,a.description,a.appointmentdate,a.pid,a.sid,a.cid,a.isvisit,p.name,s.name,c.name FROM
appointment a, patient p, staff s, clinic c where a.pid=p.pid and a.sid=s.sid and a.cid=c.cid and a.cid
in (select cid from clinic where name = 'AMS Clinic') and appointmentdate= '2020-04-01';

Example : update patient set name = 'Marc123' where pid = 1;

Example : delete from bill where bid = 1;

Submit

Select query Result below :
No record found !!

Patient Table

ID	Name	Sex	Age	Address	Email	Contact No
1	Marc	Male	30	Montreal	marc@gmail.com	5144567890
2	Marry	Female	20	Laval	marry@gmail.com	5145687235
3	John	Male	36	Verdun	john@gmail.com	5147612349
4	Richard	Male	65	Montreal	richard@gmail.com	5149834764
5	Lisa	Female	54	Toronto	lisa@gmail.com	5141265437
6	Ali	Male	22	Quebec City	ali@gmail.com	5148745098

Clinic Table

ID	Name	Address
1	AMS Clinic	Montreal
2	FNP Clinic	Laval
3	HLM Clinic	Verdun
4	SWE Clinic	Toronto
5	HHP Clinic	Montreal
6	SSP Clinic	Quebec City

Staff Table

ID	Name	Role	Clinic Id	Sex	Age	Email	Contact No
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1	William	Dentist	1	Male	34	William@gmail.com	5142234567
2	james	Dentist	2	Male	37	james@gmail.com	5141234567
3	harper	Dentist	3	Male	50	harper@gmail.com	5147654324
4	Ella	Dentist	4	Female	45	Ella@gmail.com	51448767560
5	Avery	Dentist	5	Male	45	Avery@gmail.com	5140956096
6	Jackson	Dentist	6	Male	50	Jackson@gmail.com	5148789087
7	Madison	Receptionists	1	Male	54	Madison@gmail.com	5142343675
8	Lily	Receptionists	1	Female	45	Lily@gmail.com	5148789675
9	Julian	Receptionists	1	Female	54	Julian@gmail.com	5142134542
10	Addison	Dentist	1	Male	60	Addison@gmail.com	5149087908
11	Grayson	Dentist	5	Male	34	Grayson@gmail.com	5141232453
12	Jack	Assistants	1	Male	44	Jack@gmail.com	5145643568
13	Carter	Assistants	1	Male	43	Carter@gmail.com	5149858953

Appointment Table

ID	Description	Date	Patient ID	Staff Id	Clinic Id	Is visit
1	Regular Check-up	2020-04-01 00:00:00.0	1	1	1	Yes
2	Regular Check-up	2020-04-02 00:00:00.0	2	1	1	Yes
3	Regular Check-up	2020-04-03 00:00:00.0	3	1	1	Yes
4	Regular Check-up	2020-04-04 00:00:00.0	4	1	1	Yes
5	Regular Check-up	2020-04-04 00:00:00.0	6	5	5	Yes
6	Regular Check-up	2020-04-04 00:00:00.0	3	11	5	Yes
7	Regular Check-up	2020-04-04 00:00:00.0	2	11	5	Yes
8	Regular Check-up	2020-04-04 00:00:00.0	1	5	5	Yes
9	Regular Check-up	2020-04-05 00:00:00.0	1	4	4	No
10	Regular Check-up	2020-04-06 00:00:00.0	1	4	4	No
11	Regular Check-up	2020-04-07 00:00:00.0	2	2	2	No
12	Regular Check-up	2020-04-08 00:00:00.0	2	2	2	No
13	Regular Check-up	2020-04-09 00:00:00.0	3	3	3	No
14	Regular Check-up	2020-04-10 00:00:00.0	3	3	3	No
15	Regular Check-up	2020-04-11 00:00:00.0	5	5	5	No
16	Regular Check-up	2020-04-12 00:00:00.0	5	5	5	No

Treatment Table

ID	Name	Appointment Id	Cost
1	Bonding	1	100.0
2	Braces	1	100.0
3	Gum Surgery	2	100.5
4	Bonding	2	100.0
5	Braces	3	100.0
6	Gum Surgery	3	100.15
7	Bonding	4	100.0

7	Bonding	7	100.0
8	Braces	4	100.0
9	Gum Surgery	5	200.0
10	Bonding	6	100.0
11	Braces	11	100.0
12	Gum Surgery	7	300.0
13	Bonding	8	100.0
14	Braces	9	100.0
15	Gum Surgery	10	400.0
16	Bonding	12	100.0
17	Braces	13	100.0
18	Gum Surgery	14	500.0
19	Bonding	15	100.0
20	Braces	16	100.0
21	Gum Surgery	16	600.0
22	Bonding	15	100.0
23	Braces	14	100.0
24	Gum Surgery	13	700.0

Bill Table

ID	Appointment Id	Total Amount	Is Paid
1	1	1400.0	Yes
2	2	1350.5	Yes
3	3	566.0	Yes
4	4	333.0	No
5	5	654.0	Yes
6	6	332.0	No
7	7	553.0	Yes
8	8	785.0	Yes
9	9	325.0	No
10	10	789.0	Yes
11	11	213.0	Yes
12	12	563.0	No
13	13	789.0	Yes
14	14	236.0	No
15	15	900.0	Yes
16	16	1000.0	No