Hospital tables schema.

Total tables.

hms=# \d

List of relations

Schema | Name | Type | Owner

--------+------------------------------------+--------------+----------

public | department | table | postgres

public | department\_depart\_id\_seq | sequence | postgres

public | doctor | table | postgres

public | doctor\_depart | table | postgres

public | doctor\_id\_seq | sequence | postgres

public | patient | table | postgres

public | patient\_p\_id\_seq | sequence | postgres

public | patients\_records | table | postgres

* department table infomation .

depart\_name | depart\_id

----------------+-----------

child | 1

woman | 2

eye | 3

ent | 4

surgen | 5

(5 rows)

Doctor Table informations.

hms=# select \* from doctor;

id | first\_name | last\_name | birth\_date | date\_of\_join | mobile\_num

----+------------+-----------+------------+--------------+------------

1 | ajay | guglani | 1970-11-23 | 2007-05-13 | 6352215957

2 | monika | kumari | 1989-02-05 | 2010-11-01 | 7080084510

3 | rajiv | ranjan | 1965-07-01 | 2010-04-14 | 9956259574

4 | dada | singh | 1970-11-23 | 2007-05-13 | 6352215957

5 | wer | kumari | 1989-02-05 | 2010-11-01 | 7080084510

6 | abc | xxx | 1965-07-01 | 2010-04-14 | 9956259574

(6 rows)

Patient Table informations.

hms=# select \* from patient;

p\_id | first\_name | last\_name | birth\_date | mobile\_num

------+------------+-----------+------------+------------

1 | Gajendra | singh | 1995-06-14 | 8922026861

2 | vicky | singh | 1994-07-21 | 7303051039

3 | suraj | sharma | 1990-12-01 | 8604501299

4 | raja | pal | 1999-07-23 | 9651506160

5 | anand | pandey | 2000-05-19 | 9839130570

6 | vivek | | 1998-10-11 | 9515243685

7 | abc | jha | 2007-11-19 | 860715957

8 | shiv | kumar | 1852-02-05 | 7070080010

9 | raja | babu | 2010-04-14 | 9956259574

(9 rows)

Patients records table informatios.

hms=# select \* from patients\_records;

patients\_id | doctor\_id | registration\_date | medicine | test

-------------+-----------+-------------------+------------------+--------------------

7 | 5 | 2021-05-10 | xyz | blood text

2 | 2 | 2021-05-10 | xyz itzhh | no test

5 | 4 | 2021-05-10 | L clear,terifine | no test

1 | 5 | 2021-05-15 | aaaa | x-ray

1 | 4 | 2021-05-14 | dava | no test

3 | 5 | 2021-05-17 | introco A | skin test

7 | 5 | 2021-05-14 | L clear | body check up test

(7 rows)

Doctor Department table informations.

hms=# select \* from doctor\_depart;

doctor\_id | department\_id

-----------+---------------

2 | 5

3 | 5

1 | 5

3 | 3

4 | 1

(5 rows)

Conclusion

=> Perform the join and order, Like operation.

=> Find the age with help of age() function.

=> Find the patient total medical records .

=> Find the doctor record they are view total patients.

=> Perform some extra operations.