

```
CREATE SCHEMA IF NOT EXISTS medifindapplication;  
USE medifindApplication;
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DROP TABLE IF EXISTS RatingAndReview;  
DROP TABLE IF EXISTS Appointment;  
DROP TABLE IF EXISTS InsurancePartners;  
DROP TABLE IF EXISTS Hospital;  
DROP TABLE IF EXISTS Pharmacy;  
DROP TABLE IF EXISTS Clinic;  
DROP TABLE IF EXISTS DoctorInfo;  
DROP TABLE IF EXISTS HealthCareFacility;  
DROP TABLE IF EXISTS Speciality;  
DROP TABLE IF EXISTS Owners;  
DROP TABLE IF EXISTS Users;  
DROP TABLE IF EXISTS Insurance;  
DROP TABLE IF EXISTS Address;
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CREATE TABLE Address (  
    AddressId INT AUTO_INCREMENT,  
    AddressType ENUM('Hospital', 'User'),  
    Street VARCHAR(255) NOT NULL,  
    City VARCHAR(255) NOT NULL,  
    State VARCHAR(255) NOT NULL,  
    ZipCode INT(5) NOT NULL,  
    CONSTRAINT pk_AddressId PRIMARY KEY (AddressId)  
);  
CREATE TABLE Insurance (  
    InsuranceId INT AUTO_INCREMENT,  
    Name VARCHAR(255) NOT NULL,  
    CONSTRAINT pk_InsuranceId PRIMARY KEY (InsuranceId)  
);  
CREATE TABLE Users (  
    UserName VARCHAR(255),  
    AddressId int,  
    InsuranceId int,  
    Password varchar(255) not null,  
    FirstName VARCHAR(255) NOT NULL,  
    LastName VARCHAR(255) NOT NULL,  
    PhoneNumber VARCHAR(10) NOT NULL,  
    Email VARCHAR(255) NOT NULL,  
  
    CONSTRAINT pk_UserName PRIMARY KEY (UserName),
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constraint fk_Users_AddressId foreign key (AddressId)
references Address (AddressId)
on update cascade
on delete cascade,
constraint fk_Users_InsuranceId foreign key (InsuranceId)
references Insurance (InsuranceId)
on update cascade
on delete set null
);
CREATE TABLE Owners (
    OwnerId INT AUTO_INCREMENT,
    OwnerName VARCHAR(255) NOT NULL,
    CONSTRAINT pk_OwnerId PRIMARY KEY (OwnerId)
);
CREATE TABLE Speciality (
    SpecialityId INT,
    Speciality VARCHAR(255) NOT NULL,
    CONSTRAINT pk_Speciality PRIMARY KEY (SpecialityId)
);
CREATE TABLE HealthCareFacility (
    MediFacilityId INT,
    OwnerId INT,
    AddressId INT,
    Name VARCHAR(255) NOT NULL,
    Appointments BOOLEAN DEFAULT FALSE,
    Parking BOOLEAN DEFAULT FALSE,
    Hours VARCHAR(255) NOT NULL,
    Timeliness ENUM('Below the National average', 'Same as the National average', 'Above the
National average'),
    Effectiveness ENUM('Below the National average', 'Same as the National average', 'Above
the National average'),
    Safety ENUM('Below the National average', 'Same as the National average', 'Above the
National average'),

    CONSTRAINT pk_HealthCareFacility PRIMARY KEY (MediFacilityId),

    CONSTRAINT fk_HealthCareFacility_OwnerId FOREIGN KEY (OwnerId)
    REFERENCES Owners (OwnerId)
    ON UPDATE CASCADE ON DELETE SET NULL,

    CONSTRAINT fk_HealthCareFacility_AddressId FOREIGN KEY (AddressId)
    REFERENCES Address (AddressId)
    ON UPDATE CASCADE ON DELETE SET NULL

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);
CREATE TABLE DoctorInfo (
    DoctorId INT,
    MediFacilityId INT,
    SpecialityId INT,
    FirstName VARCHAR(255) NOT NULL,
    LastName VARCHAR(255) NOT NULL,
    Hours VARCHAR(255) NOT NULL,
    Gender ENUM('M','F') NOT NULL,
    CONSTRAINT pk_DoctorInfo PRIMARY KEY (DoctorId),
    CONSTRAINT fk_DoctorInfo_MediFacilityId FOREIGN KEY (MediFacilityId)
        REFERENCES HealthCareFacility (MediFacilityId)
        ON UPDATE CASCADE ON DELETE SET NULL,
    CONSTRAINT fk_DoctorInfo_SpecialityId FOREIGN KEY (SpecialityId)
        REFERENCES Speciality (SpecialityId)
        ON UPDATE CASCADE ON DELETE SET NULL
);
CREATE TABLE Clinic (
    MediFacilityId INT,
    CONSTRAINT fk_Clinic_HealthCareFacility FOREIGN KEY (MediFacilityId)
        REFERENCES HealthCareFacility (MediFacilityId)
        ON UPDATE CASCADE ON DELETE CASCADE
);
CREATE TABLE Pharmacy (
    MediFacilityId INT,
    CONSTRAINT fk_Pharmacy_HealthCareFacility FOREIGN KEY (MediFacilityId)
        REFERENCES HealthCareFacility (MediFacilityId)
        ON UPDATE CASCADE ON DELETE CASCADE
);
CREATE TABLE Hospital (
    MediFacilityId INT,
    ERAvailability BOOLEAN DEFAULT FALSE,
    CONSTRAINT fk_Hospital_HealthCareFacility FOREIGN KEY (MediFacilityId)
        REFERENCES HealthCareFacility (MediFacilityId)
        ON UPDATE CASCADE ON DELETE CASCADE
);
CREATE TABLE InsurancePartners (
    InsurancId INT,
    MediFacilityId INT,
    CONSTRAINT fk_InsurancePartners_InsurancId FOREIGN KEY (InsurancId)
        REFERENCES Insurance (InsurancId)
        ON UPDATE CASCADE ON DELETE CASCADE,

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        CONSTRAINT uq_InsurancePartners_Insurancepartner UNIQUE (InsuranceId ,
MediFacilityId),
        CONSTRAINT fk_InsurancePartners_MedifacilityId FOREIGN KEY (MedifacilityId)
            REFERENCES HealthcareFacility (MedifacilityId)
            ON UPDATE CASCADE ON DELETE CASCADE
    );
CREATE TABLE Appointment (
    AppointmentId INT,
    UserName VARCHAR(255),
    MediFacilityId INT,
    AppointmentTime TIMESTAMP NOT NULL,
    Prescription LONGTEXT,
    CONSTRAINT pk_Appointment_AppointmentId PRIMARY KEY (AppointmentId),
    CONSTRAINT fk_Appointment_Username FOREIGN KEY (UserName)
        REFERENCES Users(UserName)
        ON UPDATE CASCADE ON DELETE CASCADE,
    CONSTRAINT fk_Appointment_MediFacilityId FOREIGN KEY (MediFacilityId)
        REFERENCES HealthcareFacility(MediFacilityId)
        ON UPDATE CASCADE ON DELETE CASCADE
    );
CREATE TABLE RatingAndReview (
    RatingAndReviewId INT,
    UserName VARCHAR(255),
    MediFacilityId INT,
    Ratings DECIMAL(2,1) NOT NULL,
    Reviews LONGTEXT NOT NULL,
    CONSTRAINT pk_RatingAndReview_RatingAndReviewId PRIMARY KEY
(RatingAndReviewId),
    CONSTRAINT fk_RatingAndReview_Username FOREIGN KEY (UserName)
        REFERENCES Users(UserName)
        ON UPDATE CASCADE ON DELETE SET NULL,
    CONSTRAINT fk_RatingAndReview_MediFacilityId FOREIGN KEY (MediFacilityId)
        REFERENCES HealthcareFacility(MediFacilityId)
        ON UPDATE CASCADE ON DELETE SET NULL
    );

```






```
1  SELECT count(*) FROM medifindapplication.address;
```


Result Grid   Filter Rows:  | Export:  | Wrap Cell Center

count(*)
25035




Limit to 1000 rows





1 


SELECT count(\*) FROM medifindapplication.appointment;

<

Result Grid 

 Filter Rows:

Export: 

Wrap Cell Content: 

	count(*)
▶	13400

Limit to 1000 rows

1

`SELECT count(*) FROM medifindapplication.clinic;`

<

Result Grid

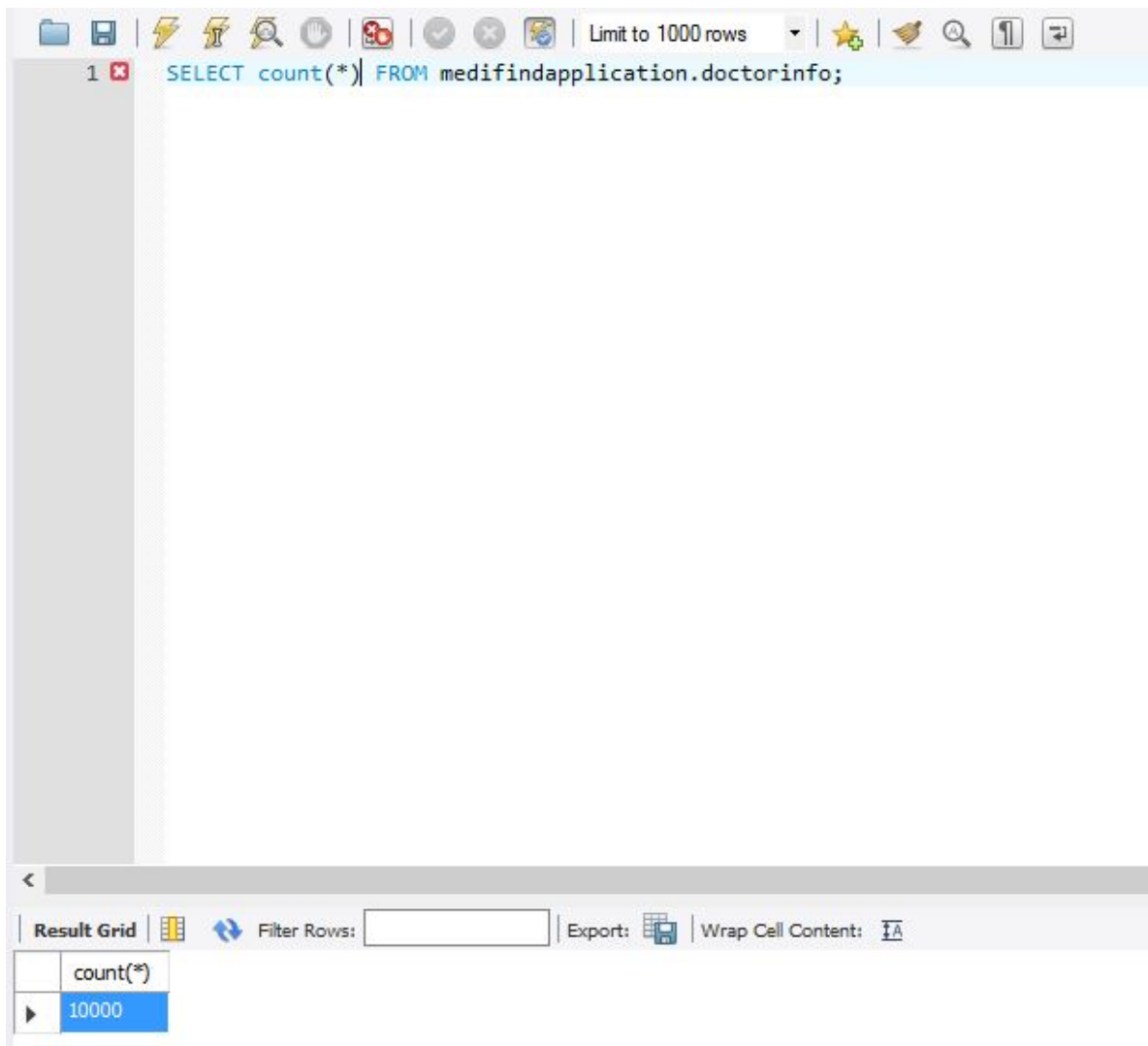
Filter Rows:

Export:

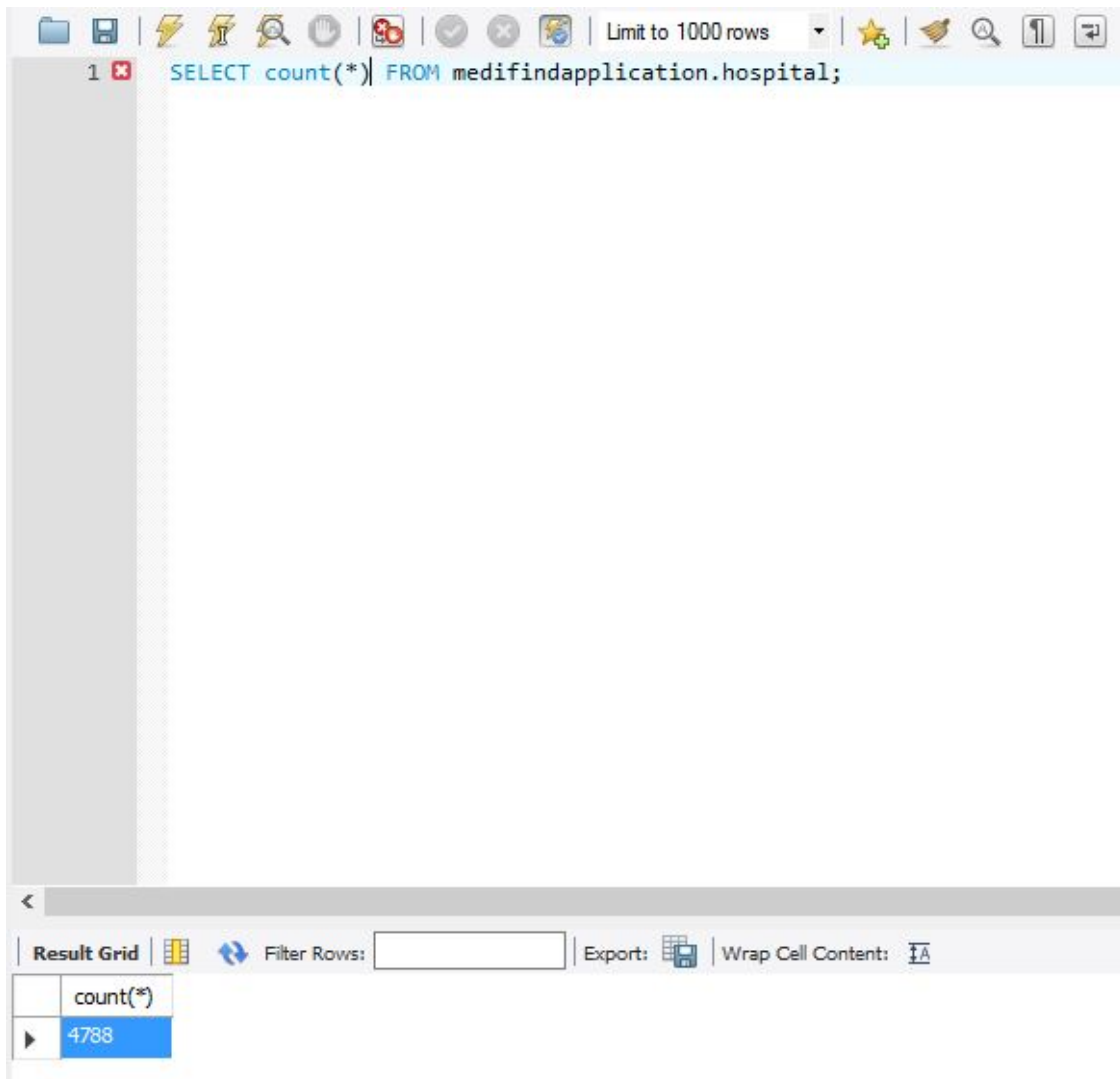
Wrap Cell Content:

	count(*)
▶	5000

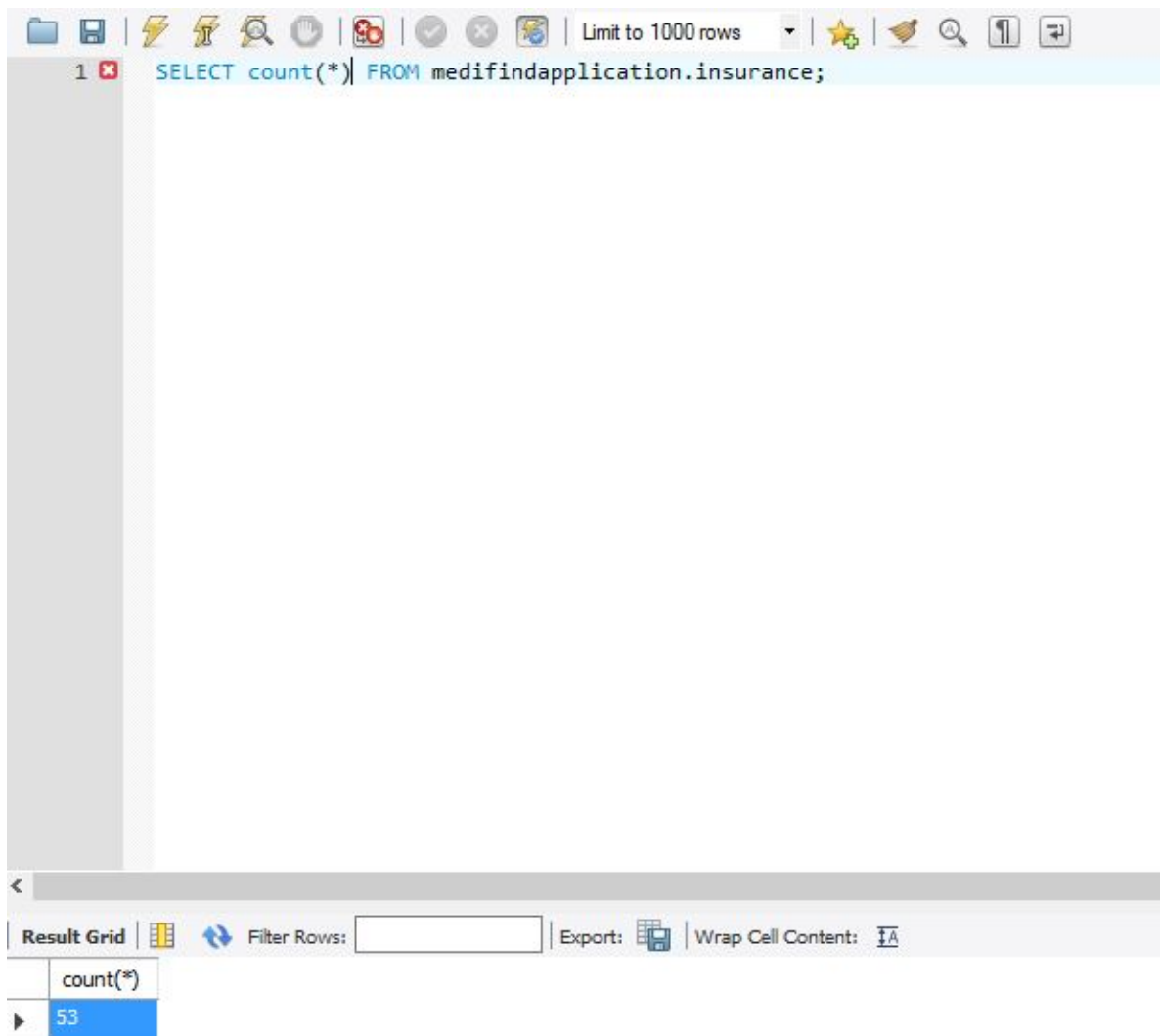


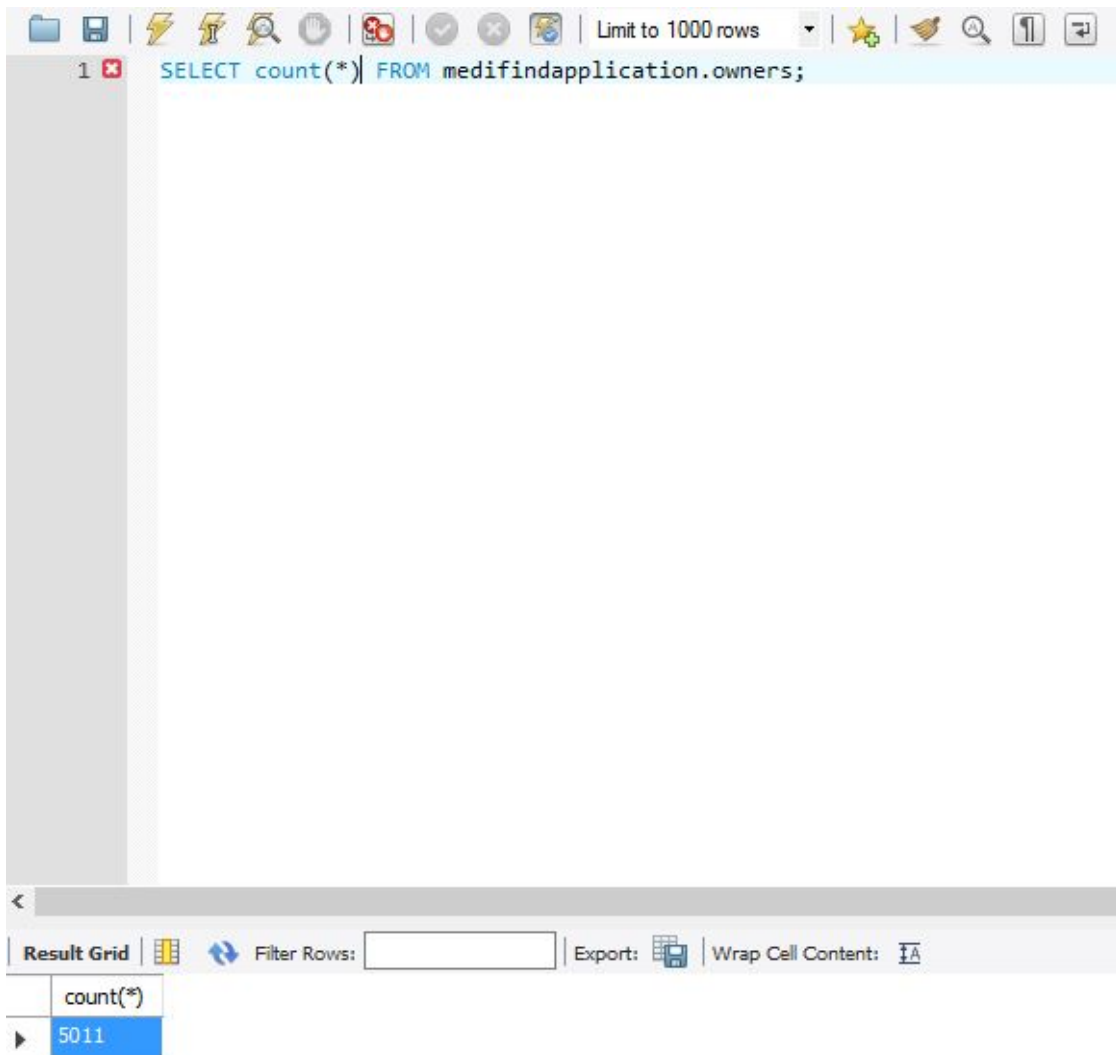


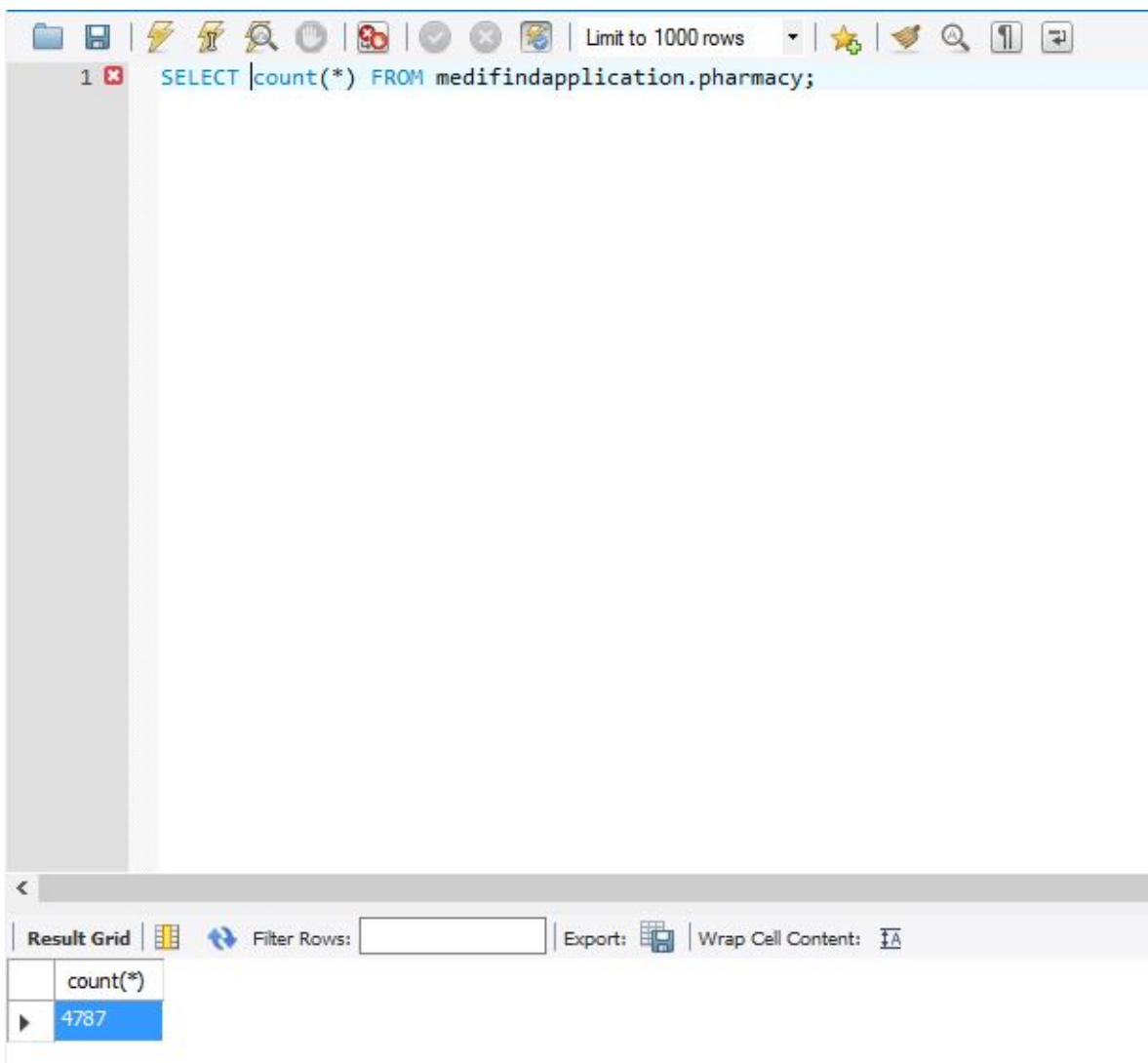












Limit to 1000 rows

1

2

SELECT count(\*) FROM medifindapplication.ratingandreview;

DELETE FROM medifindapplication.ratingandreview;

<

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	count(*)
▶	14738





