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Rehabilitation Center Management Database

Now-a-days the percentage of people going into depression is increasing and hence they tend to smoke, drink and get drug addicted. The purpose of this project is that it manages the whole process of rehabilitation center system, so we can get the record and count of people who are undergoing the treatment and the number of people who got benefited with the rehabilitation process, so that we can take steps accordingly. This project includes patients which are addicted to drugs/alcohol/smoking etc. and have come to the rehabilitation center for the treatment. This system will help us to analyze the effectiveness of the treatment on every patient recorded in the system.

The database would be storing the details of the patients, the doctors, the appointment schedules, the list of addictions, locations, the medicine list, the level of severity, the treatment procedure, the diagnosis history, the result.

The techniques which will be used in this project are joins, views, procedures, triggers and user defined functions etc.

The list of tables which will be included in this project are:

Patient	PatientHistory	Location	Receptionist
Appointment	Room	Admit	Beds
Doctor	Therapist	Specialist	Treatment
Medicines	Diagnosis	DiagnosisHistory	Addiction
Recovery	Result		

The main table in this project would be Treatment table as it will refer to most of the tables in the database and will have the attributes like TreatmentID, DateofTreatment, PatientID, DoctorID, AddictionID, DiagnosisID, AppointmentID, LocationID, ResultID, etc.

The Relationships between the tables would be as below:

- ➔ Mandatory one patient will take mandatory one appointment.
- ➔ Mandatory many patients will visit one clinic.
- ➔ Clinic has mandatory many locations.
- ➔ Clinic appoints mandatory many receptionist.
- ➔ Patient can be inpatient or outpatient.
- ➔ Mandatory one inpatient gets mandatory one admit.
- ➔ Mandatory one admit will have mandatory one room.
- ➔ Optional many rooms will have mandatory many beds.
- ➔ Mandatory many receptionist will give optional many appointments.
- ➔ Mandatory many appointments will have mandatory many doctors.
- ➔ Mandatory many doctors can prescribe optional many medicines.
- ➔ Mandatory many treatments will have mandatory many medicines.
- ➔ Mandatory one doctor can identify optional many addictions.
- ➔ Mandatory one doctor can have optional many tests.
- ➔ Mandatory one test can have mandatory one diagnosis.
- ➔ Mandatory one diagnosis will have mandatory one diagnosis history.
- ➔ Mandatory one doctor will perform mandatory one diagnosis.

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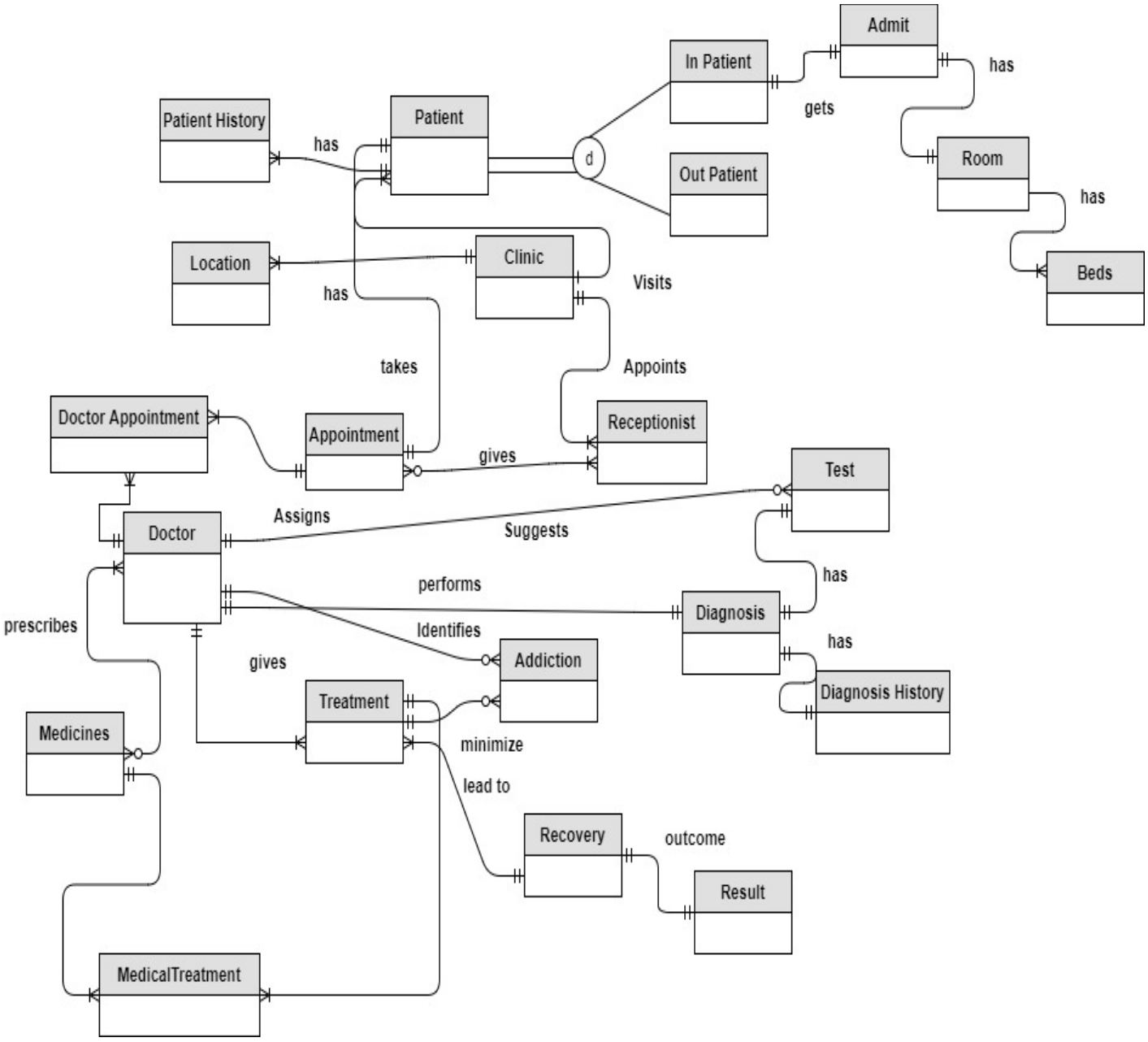
- ➔ Mandatory one doctor will give multiple treatments.
- ➔ One doctor can prescribe optional many medicines.
- ➔ Mandatory many treatments can lead to one recovery.
- ➔ Mandatory one recovery will have mandatory one result.

Entity Relationship Diagram:



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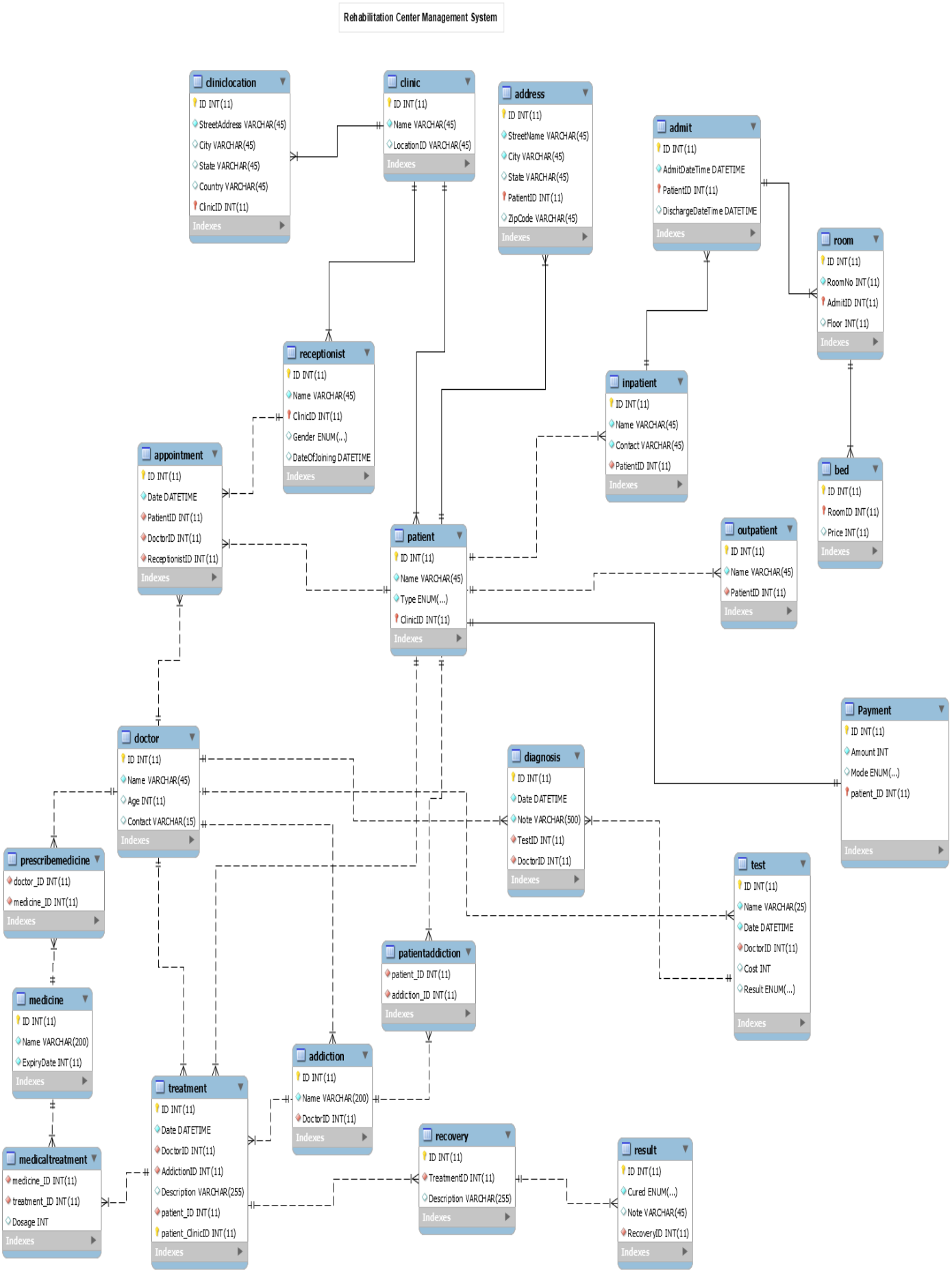

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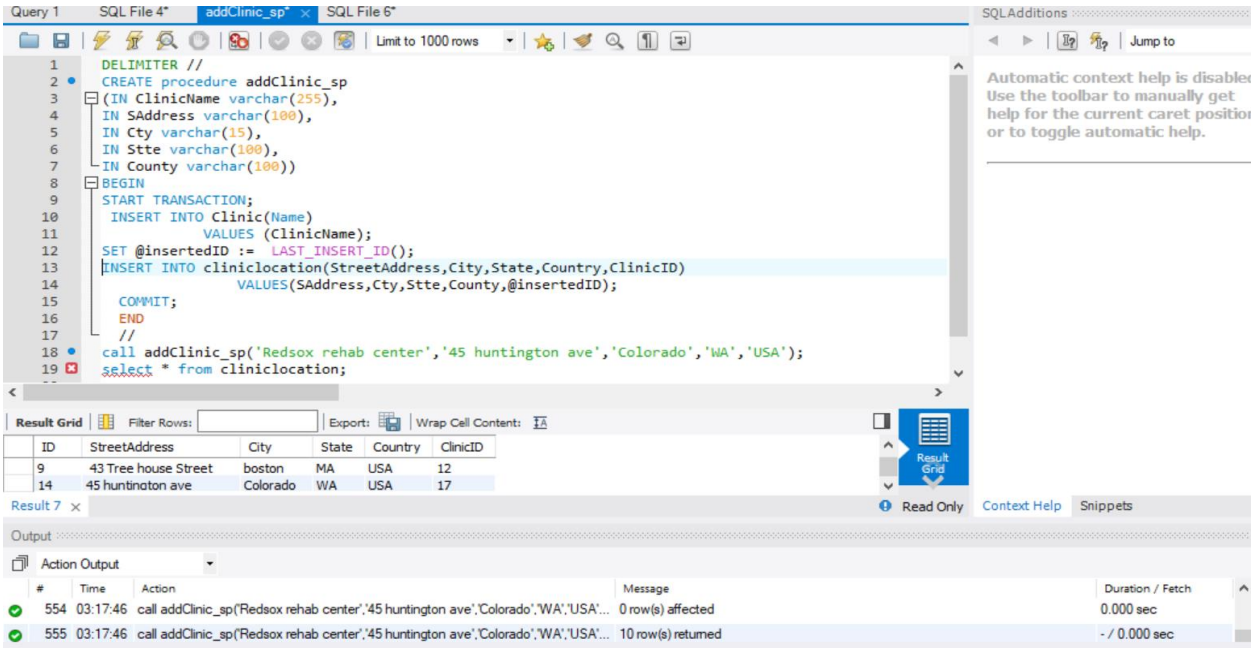
STORED PROCEDURES:

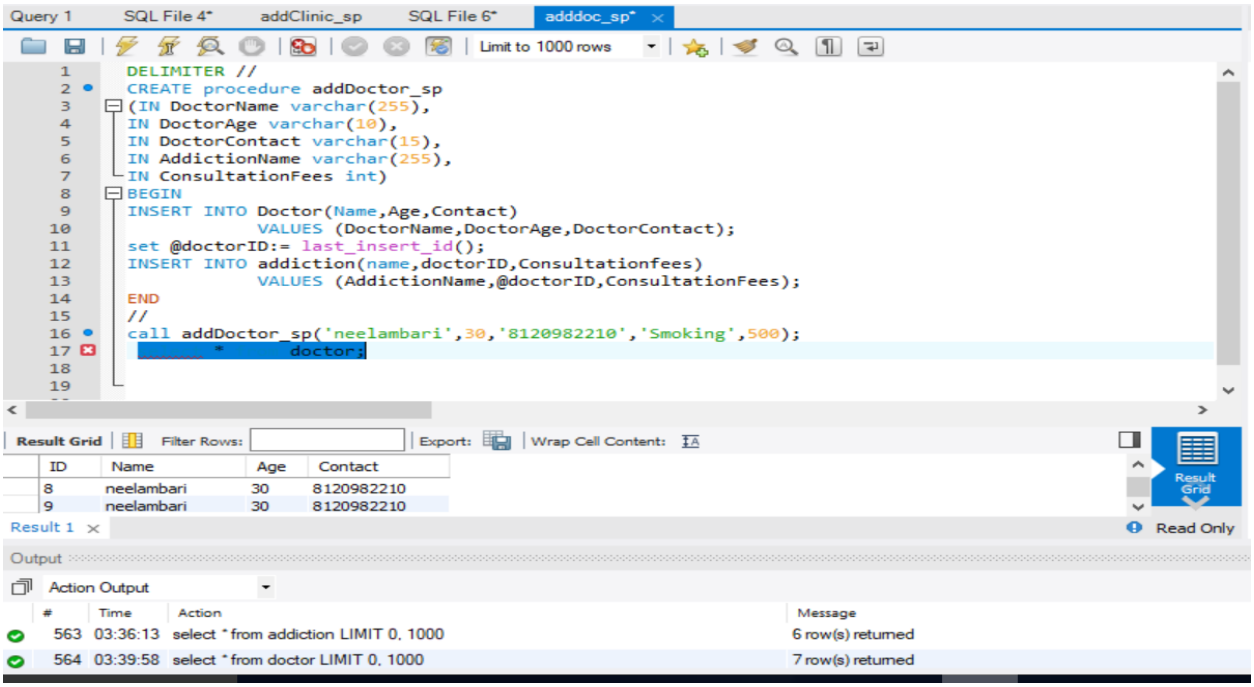
1) **This procedure addClinic_sp inserts values in the clinic table as well as cliniclocation table as one clinic can have multiple locations. There is use of foreign key ClinicID in the cliniclocation table.**




```
DELIMITER //
CREATE procedure addClinic_sp
(IN ClinicName varchar(255),
IN SAddress varchar(100),
IN Cty varchar(15),
IN Stte varchar(100),
IN County varchar(100))
BEGIN
START TRANSACTION;
 INSERT INTO Clinic(Name)
                    VALUES (ClinicName);
SET @insertedID :=  LAST_INSERT_ID();
INSERT INTO cliniclocation(StreetAddress,City,State,Country,ClinicID)
```

```
VALUES(SAddress,Cty,Stte,County,@insertedID);
COMMIT;
END
 //
call addClinic_sp('Redsox rehab center','45 huntington ave','Colorado','WA','USA');
select * from clinic;
select * from cliniclocation;
```

2) **This procedure addDoctor_sp inserts values in the doctor table and in the addiction table as the doctor will identify the addiction. There is use of foreign key DoctorID in the addiction table.**




```
DELIMITER //
CREATE procedure addDoctor_sp
(IN DoctorName varchar(255),
IN DoctorAge varchar(10),
```

```
IN DoctorContact varchar(15),
IN AddictionName varchar(255),
IN ConsultationFees int)
BEGIN
INSERT INTO Doctor(Name,Age,Contact)
                        VALUES (DoctorName,DoctorAge,DoctorContact);
set @doctorID:= last_insert_id();
INSERT INTO addiction(name,doctorID,Consultationfees)
                        VALUES (AddictionName,@doctorID,ConsultationFees);
END
//
call addDoctor_sp('neelambari',30,'8120982210','Smoking',500);
 select * from doctor;
select * from addiction;
```

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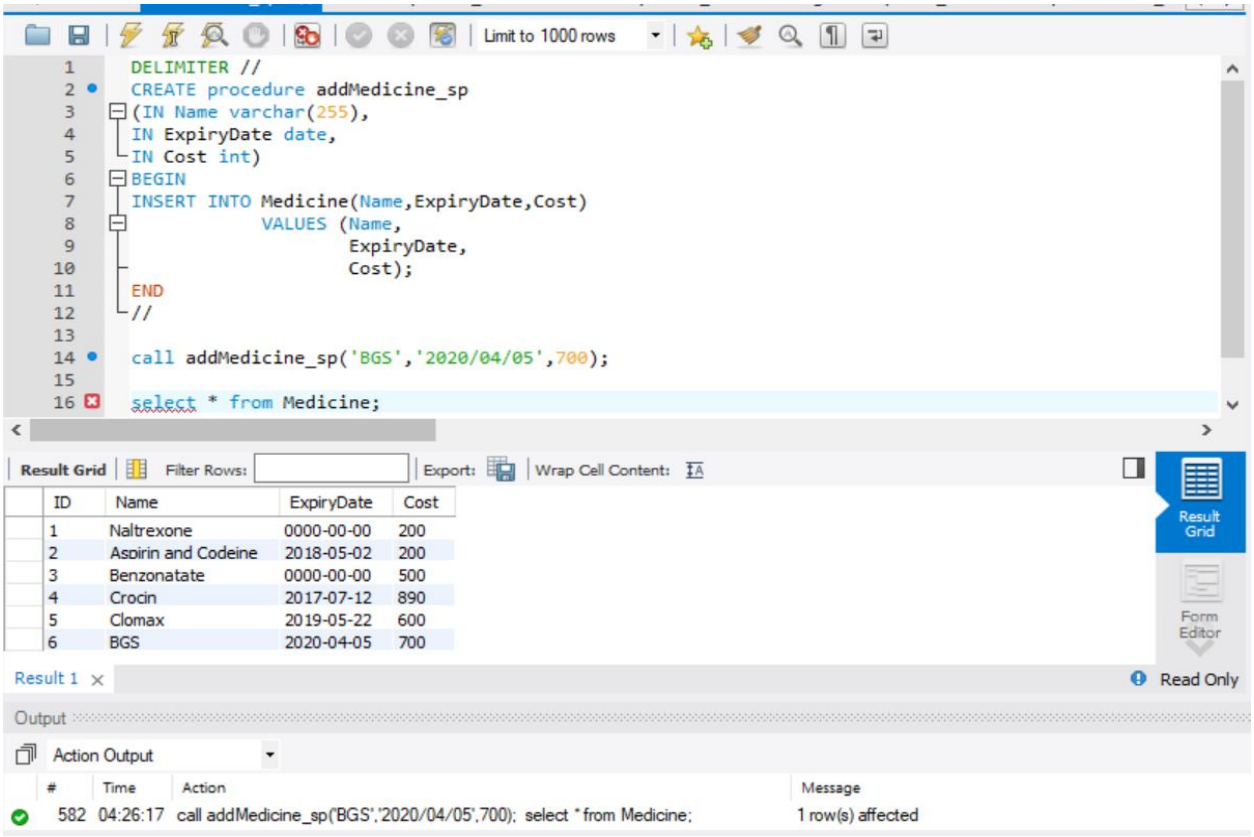
3) The procedure addMedicine_sp inserts the medicine in the medicine table based on the data passed to the procedure.




```
DELIMITER //
CREATE procedure addMedicine_sp
(IN Name varchar(255),
IN ExpiryDate date,
IN Cost int)
BEGIN
INSERT INTO Medicine(Name,ExpiryDate,Cost)
                        VALUES (Name,ExpiryDate,Cost);
 END
//
call addMedicine_sp('Crocin','2017/07/12',890);


select * from Medicine;
```

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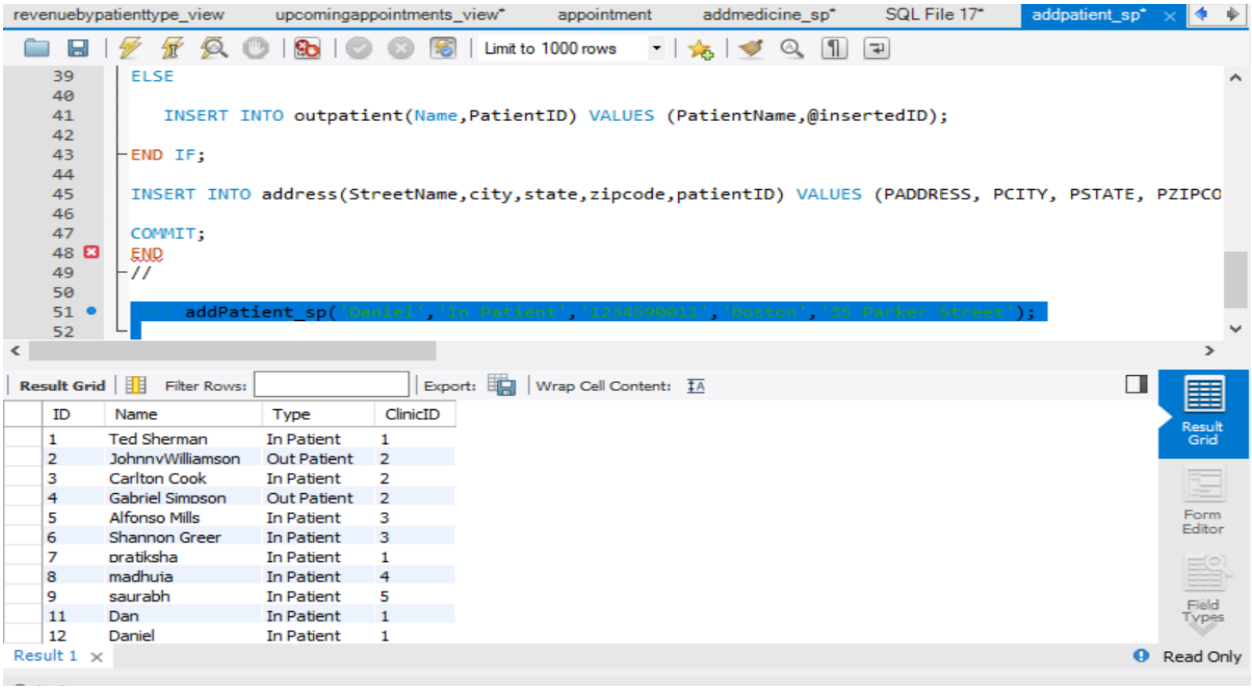
4) The procedure addpatient_sp inserts a new patient in patient table. Along with this, it also inserts the record in the In Patient or the Out Patient Table, based on the type mentioned in the query. Also, it creates the Patient address record while adding a new patient. There is use of foreign key ClinicID in the patient table, PatientID in the patientaddress, inpatient and outpatient table.




```
DELIMITER //

CREATE procedure addPatient_sp

(IN PatientName varchar(255),

IN PatientType varchar(10),

IN PCon varchar(15),

IN PCity varchar(100),

IN PAddress varchar(100),

IN PSTATE varchar(100),

IN PZIPCODE varchar(6))

BEGIN

START TRANSACTION;

 SET @ClinicID := (select Clinic.ID from Clinic

            LEFT JOIN ClinicLocation  C ON C.ClinicID = Clinic.ID
```

```
        WHERE C.City IN  (PCity) AND C.StreetAddress LIKE (PAddress));
SET @insertedID :=  LAST_INSERT_ID();
IF PatientType = null THEN
  INSERT INTO Patient(Name,Type,ClinicID)
                    VALUES (PatientName, 0, @ClinicID);
ELSE
      INSERT INTO Patient(Name,Type,ClinicID)
                    VALUES (PatientName, PatientType, @ClinicID);
SET @patientID :=  LAST_INSERT_ID();
IF PatientType = 'In Patient' THEN
      INSERT INTO inpatient(Name,contact,patientID) VALUES (PatientName,PCon,@patientID);
ELSE
   INSERT INTO outpatient(Name,PatientID) VALUES (PatientName,@insertedID);
END IF;
INSERT INTO address(StreetName,city,state,zipcode,patientID) VALUES (PADDRESS, PCITY,
PSTATE, PZIPCODE, @patientID);

COMMIT;
END
//

call addPatient_sp('Daniel','In Patient', '1234590011','Boston','35 Parker Street');

select * from Patient;
```

5) **The procedure addtreatment_sp inserts the treatment in the treatment table. Simultaneously, it adds the medicine prescribed in the medicinetreatment table, inserts a record into the recovery table with the details of the treatment and the doctor. Also, it adds a record for this treatment in the result table and sets the message. There is the use of Foreign Key PatientID, DoctorID in treatment table, MedicineID in medicinetreatment table, treatmentID in the recovery table, recoveryID in the result table.**

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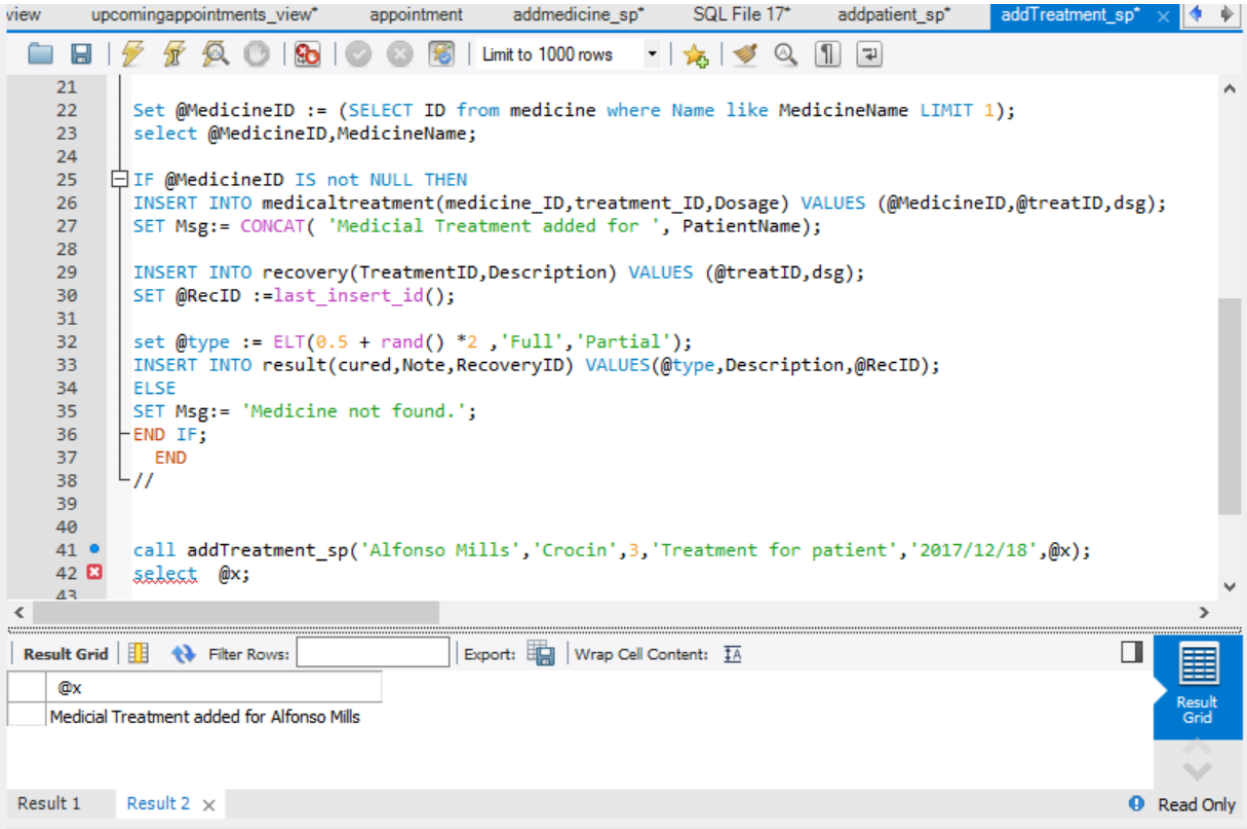


DELIMITER //

CREATE procedure addTreatment_sp

(IN PatientName varchar(255),

IN MedicineName varchar(10),

IN dsg int,

IN Description varchar(255),

IN TDate Datetime,

OUT Msg varchar(200))

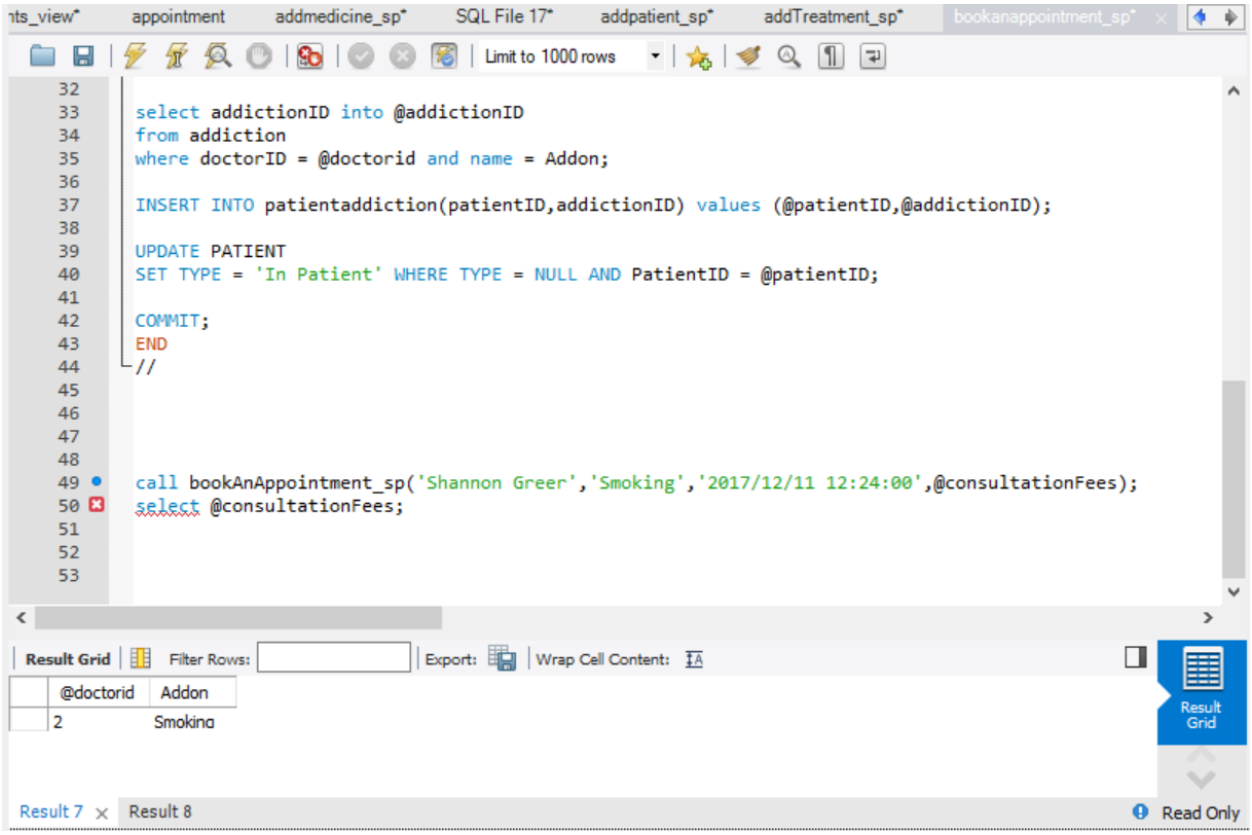
BEGIN

SET @PtID := (select ID from Patient where Name like PatientName LIMIT 1);

```
SELECT P.addiction_ID,AD.DoctorID into @AdID,@DocID from patientaddiction P
LEFT JOIN addiction AD ON AD.ID = P.addiction_ID where patient_ID =@PtID LIMIT 1;

INSERT INTO treatment (Date,DoctorID,AddictionID,Description,patient_ID)
        VALUES(TDate,@docID,@AdID,dsg,@PtID);
SET @treatID := last_insert_id();

Set @MedicineID := (SELECT ID from medicine where Name like MedicineName LIMIT 1);
select @MedicineID,MedicineName;

IF @MedicineID IS not NULL THEN
INSERT INTO medicaltreatment(medicine_ID,treatment_ID,Dosage) VALUES
(@MedicineID,@treatID,dsg);
SET Msg:= CONCAT( 'Medicial Treatment added for ', PatientName);

INSERT INTO recovery(TreatmentID,Description) VALUES (@treatID,dsg);
SET @RecID :=last_insert_id();

set @type := ELT(0.5 + rand() *2 ,'Full','Partial');
INSERT INTO result(cured,Note,RecoveryID) VALUES(@type,Description,@RecID);
ELSE
SET Msg:= 'Medicine not found.';
END IF;
  END
//
call addTreatment_sp('Alfonso Mills','Crocin',3,'Treatment for patient','2017/12/18',@x);
select  @x;
```

6) **The procedure BookAnAppointment_sp inserts an entry in the appointment table taking the patientname, addiction and appointment date as an input. It also adds a record in the**

patientaddiction table. There is the use of Foreign Key PatientID, DoctorID, receptionistID in the appointment table.

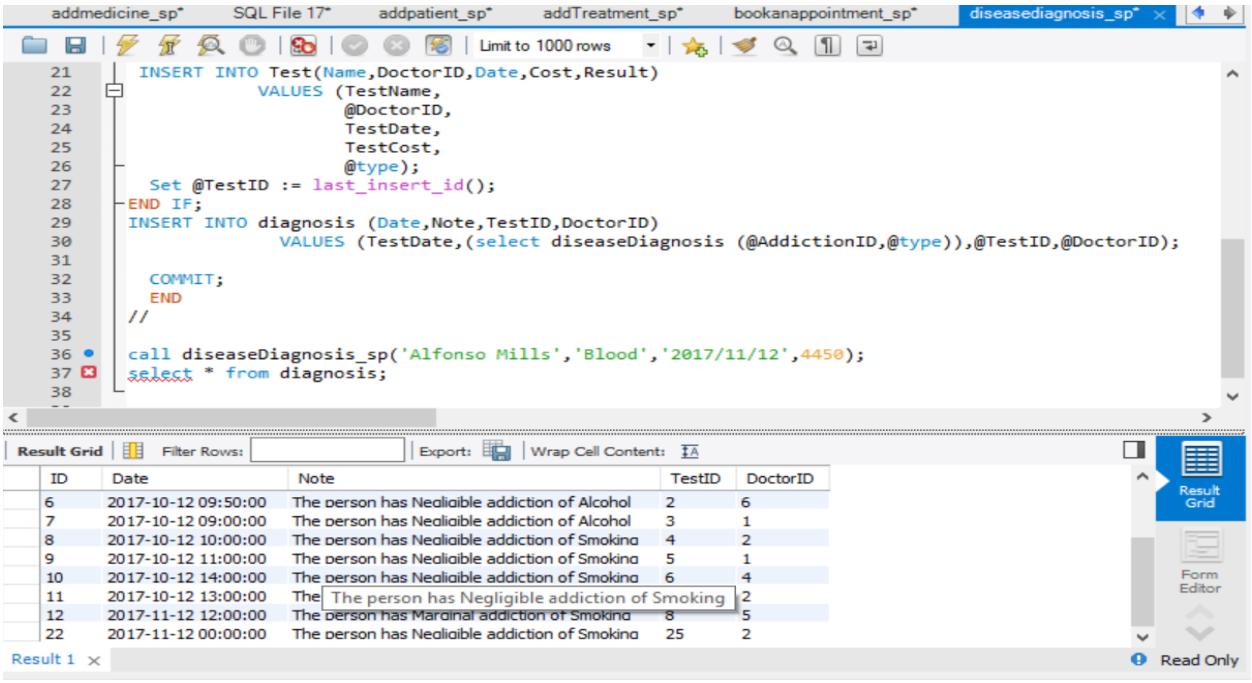



```
DELIMITER //
CREATE procedure bookAnAppointment_sp
(IN PatientName varchar(255),
IN Addon varchar(10),
IN AppointmentDate datetime,
OUT consultationFees INT)

BEGIN
START TRANSACTION;

SET @patientName := '%'+PatientName+'%';
select clinicID,ID into @clinicID,@patientID
```

```
from patient
where `Name` LIKE @patientName
LIMIT 1;

select doctorid into @doctorid
from addiction
where `name` LIKE Addon
order by rand()
LIMIT 1;

select ID into @receptionistID
from receptionist
where clinicID = @clinicID;

INSERT INTO appointment(`Date`,patientID,doctorID,receptionistID)
                        VALUES (AppointmentDate,@patientID,@doctorid,@receptionistID);
   select   @doctorid,Addon;
/*select consultationFees from addiction where DoctorID = @doctorid AND `Name` LIKE Addon order by rand() limit 1;*/
set consultationFees := (select consultationFees from addiction where DoctorID = @doctorid AND `Name` LIKE Addon order by rand() limit 1);

select addictionID into @addictionID
from addiction
where doctorID = @doctorid and name = Addon;

INSERT INTO patientaddiction(patientID,addictionID) values (@patientID,@addictionID);

UPDATE PATIENT
SET TYPE = 'In Patient' WHERE TYPE = NULL AND PatientID = @patientID;
```

```
COMMIT;

END

//

call bookAnAppointment_sp('Shannon Greer','Smoking','2017/12/11
12:24:00',@consultationFees);

select @consultationFees;
```

7) **The procedure diseaseDiagnosis_sp inserts a record in the diagnosis table to store the diagnosis generated by the test carried out stored in the test table. There is the use of PatientID, AddictionID, DoctorID in the test table and the use of DoctorID and TestID in the Diagnosis Table.**




```
DELIMITER //

CREATE procedure diseaseDiagnosis_sp

(IN PatientName varchar(255),

IN TestName varchar(100),

IN TestDate datetime,

IN TestCost INT)


BEGIN

START TRANSACTION;

 SET @PatientID := (select ID from patient

            WHERE `name` LIKE PatientName LIMIT 1);


SET @AddictionID := (select addiction_ID from patientaddiction

                                    WHERE patient_ID = @PatientID LIMIT 1);
```

```
SET @DoctorID := (select doctorID from addiction
                                    WHERE ID = @AddictionID);
IF (TestName != '') THEN

set @type := ELT(0.5 + rand() *3 ,'Negligible','Marginal','Critical');

 INSERT INTO Test(Name,DoctorID,Date,Cost,Result)
                        VALUES (TestName, @DoctorID, TestDate, TestCost, @type);
  Set @TestID := last_insert_id();
END IF;
INSERT INTO diagnosis (Date,Note,TestID,DoctorID)
        VALUES (TestDate,(select diseaseDiagnosis (@AddictionID,@type)),@TestID,@DoctorID);

  COMMIT;
  END
//

call diseaseDiagnosis_sp('Alfonso Mills','Blood','2017/11/12',4450);
select * from diagnosis;
```

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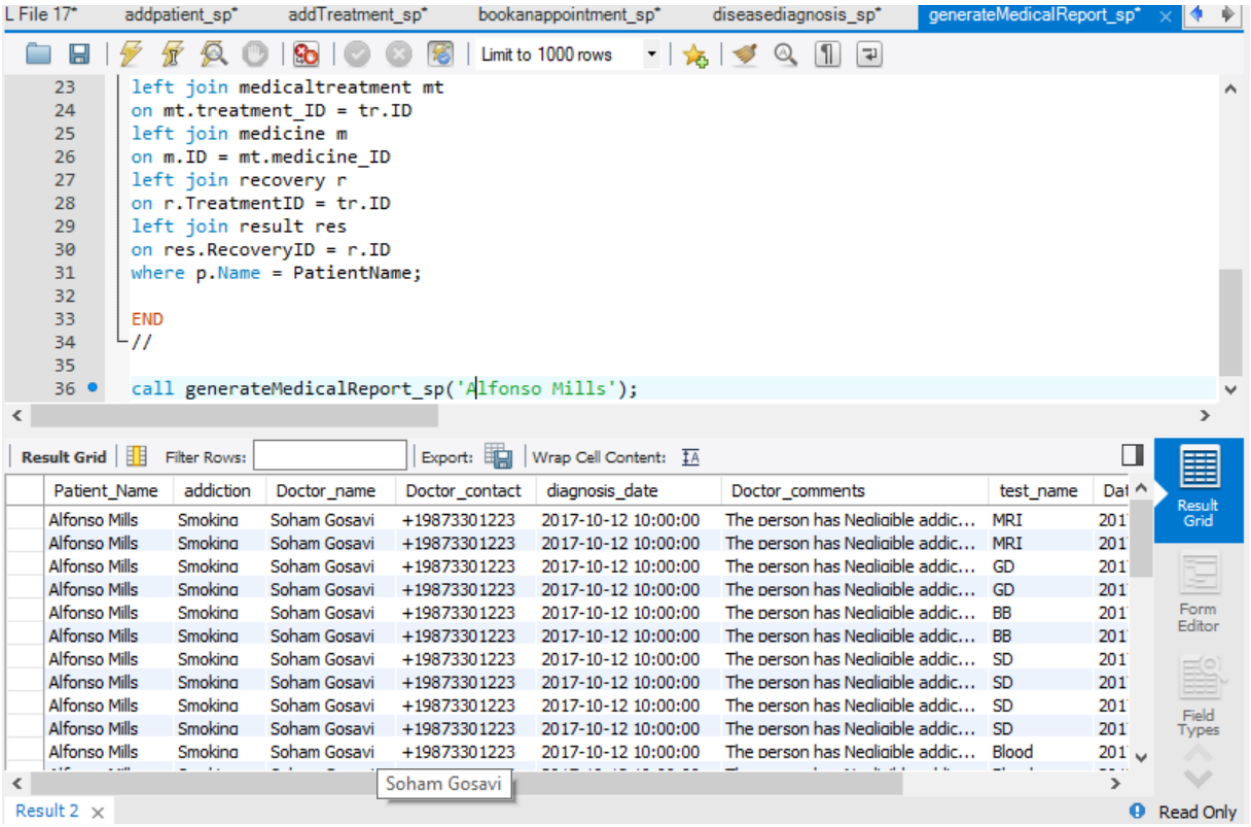
8) **The procedure generateMedicalReport_sp generates a patient wise report of all the Diagnosis done on the patient by the Doctor during the treatment. It uses joins on patientaddiction, addiction, doctor, diagnosis, test, treatment, medicaltreatment, medicine, recovery, result tables.**



DELIMITER //

CREATE procedure generateMedicalReport_sp

(IN PatientName varchar(255))

BEGIN

select p.name as Patient_Name,a.name as addiction,doc.name as Doctor_name,doc.contact as Doctor_contact,dia.date as diagnosis_date,dia.note as Doctor_comments,t.name as test_name,t.Date,t.cost as test_cost

from patient p

left join patientaddiction pa

```
on p.id=pa.patient_ID
left join addiction a
on a.id = pa.addiction_ID
left join doctor doc
on doc.id = a.doctorid
left join diagnosis dia
on doc.id = dia.doctorid
left join test t
on t.DoctorID = dia.DoctorID
left join treatment tr
on tr.patient_ID = p.ID
AND tr.DoctorID = doc.ID
left join medicaltreatment mt
on mt.treatment_ID = tr.ID
left join medicine m
on m.ID = mt.medicine_ID
left join recovery r
on r.TreatmentID = tr.ID
left join result res
on res.RecoveryID = r.ID
where p.Name = PatientName;

END
//

call generateMedicalReport_sp('Alfonso Mills');
```

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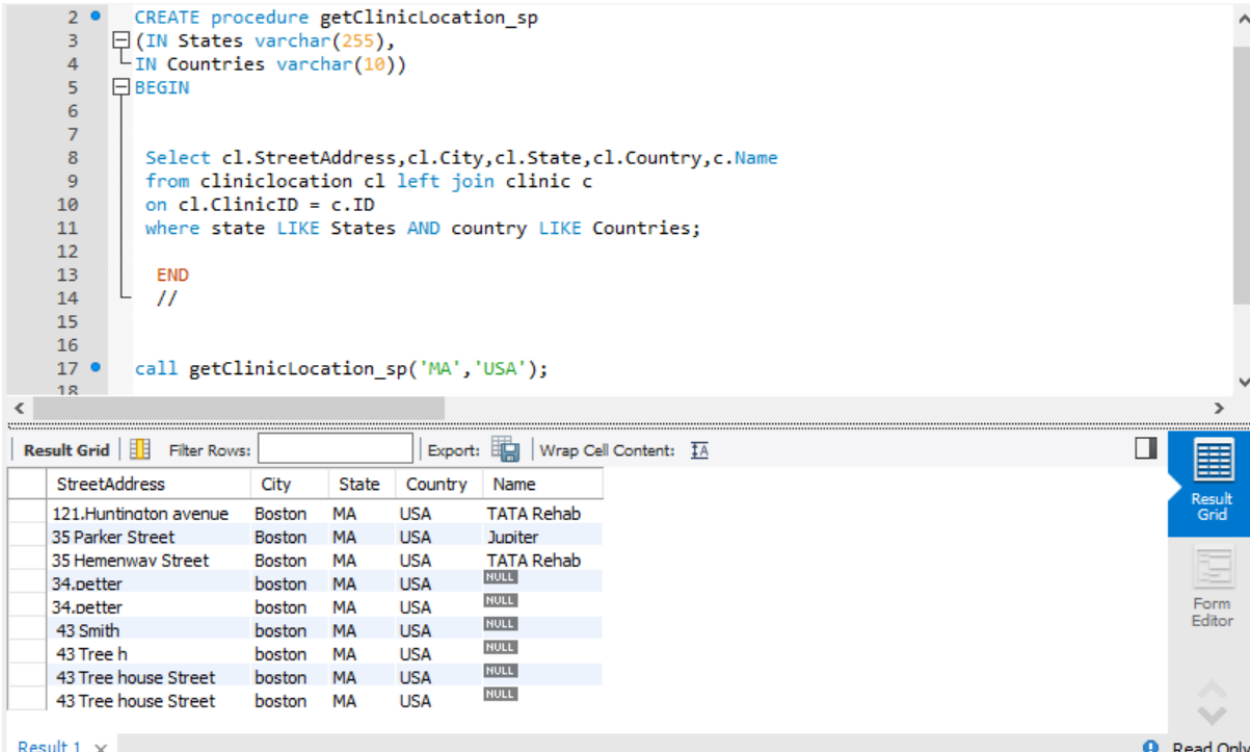
9) **The procedure getClinicLocation_sp gets the details of all the clinics at a particular location entered. It uses ClinicID as the foreign key on table cliniclocation.**




```
DELIMITER //
CREATE procedure getClinicLocation_sp
(IN States varchar(255),
IN Countries varchar(10))
BEGIN
 Select cl.StreetAddress,cl.City,cl.State,cl.Country,c.Name
 from cliniclocation cl left join clinic c
 on cl.ClinicID = c.ID
 where state LIKE States AND country LIKE Countries;
  END
 //


call getClinicLocation_sp('MA','USA');
```

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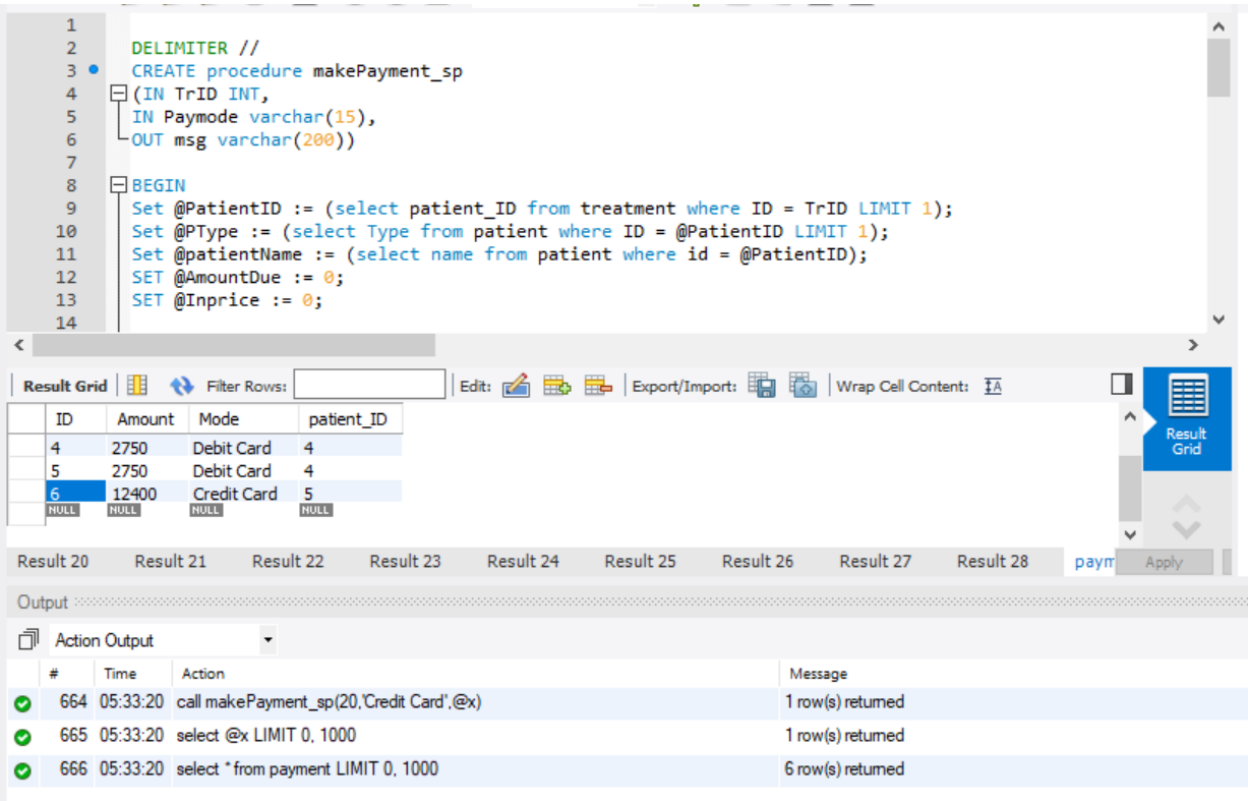
10) The procedure makepayment_sp inserts a record in the payment table based on the pending payments of the patient. It also stores the mode of payment used by the patient. It computes the pending amount based on the treatments taken by the patient and the past payments done by the patient. The foreign key used here is PatientID on the payment table and the TreatmentID on the treatment table.



DELIMITER //

CREATE procedure makePayment_sp

(IN TrID INT,

IN Paymode varchar(15),

OUT msg varchar(200))

BEGIN

Set @PatientID := (select patient_ID from treatment where ID = TrID LIMIT 1);

Set @PType := (select Type from patient where ID = @PatientID LIMIT 1);

Set @patientName := (select name from patient where id = @PatientID);

```
SET @AmountDue := 0;
SET @Inprice := 0;
IF Not exists (select * from payment where patient_ID = @PatientID)
THEN
set @cprice := (select A.consultationFees from patientaddiction PA
        LEFT JOIN Addiction A ON A.ID= PA.addiction_ID
        LEFT JOIN Patient P ON P.ID = PA.patient_ID
        WHERE P.ID =@PatientID LIMIT 1);
set @testprice := ( select T.Cost from patientaddiction PA
                                LEFT JOIN Patient P ON P.ID = PA.patient_ID
        LEFT JOIN Addiction A ON A.ID= PA.addiction_ID
        LEFT JOIN Doctor D  ON D.ID = A.DoctorID
        LEFT JOIN Test T ON T.DoctorID = D.ID WHERE P.ID =@PatientID LIMIT 1);
IF(@PType != 'OutPatient') THEN
SELECT b.Price,DATEDIFF(A.DischargeDateTime,A.AdmitDateTime) into @Pri,@Days from Patient
P
    left join inpatient inp on p.id = inp.PatientID
    left join admit A ON A.PatientID =P.ID
    LEFT JOIN ROOM RM  ON RM.AdmitID = A.ID
    LEFT JOIN Bed b ON b.RoomID = RM.ID
    Where P.ID = @PatientID LIMIT 1;
  SET @Inprice:=   @Pri * @Days;
END IF;
set @testprice := (select IFNULL (@testprice,0));
set @inprice := (select IFNULL (@testprice,0));
SET @AmountDue = (@inprice + @cprice + @testprice);
   INSERT INTO Payment(Amount,Mode,patient_ID) VALUES (@AmountDue,Paymode,@PatientID);
   SET msg := CONCAT(@patientName,' paid ',@AmountDue,' Successfully');
   ELSE
    SET msg := 'hi';
```

```
        END IF;
  END
//


call makePayment_sp(20,'Credit Card',@x);
select @x;


select * from payment;
```

Functions

1) **The function diseaseDiagnosis_func is used to generate a diagnosis note based on the type of addiction. It is used in the procedure diseaseDiagnosis_sp.**

```
DELIMITER //
CREATE FUNCTION `diseaseDiagnosis`(AddictionID INT,TestType varchar(100)) RETURNS
VARCHAR(100)


BEGIN
   DECLARE DiagnosisNote  VARCHAR(100);


select name into @AddictionName
from addiction
where ID = AddictionID;


if(TestType = '')


THEN
set DiagnosisNote := 'The person has ' +@AddictionName+ '  addiction';


ELSE
```

```
    set DiagnosisNote := 'The person has '+@type+' addiction of '+@AddictionName;


END IF;
RETURN DiagnosisNote;
END
//
DELIMITER ;
```

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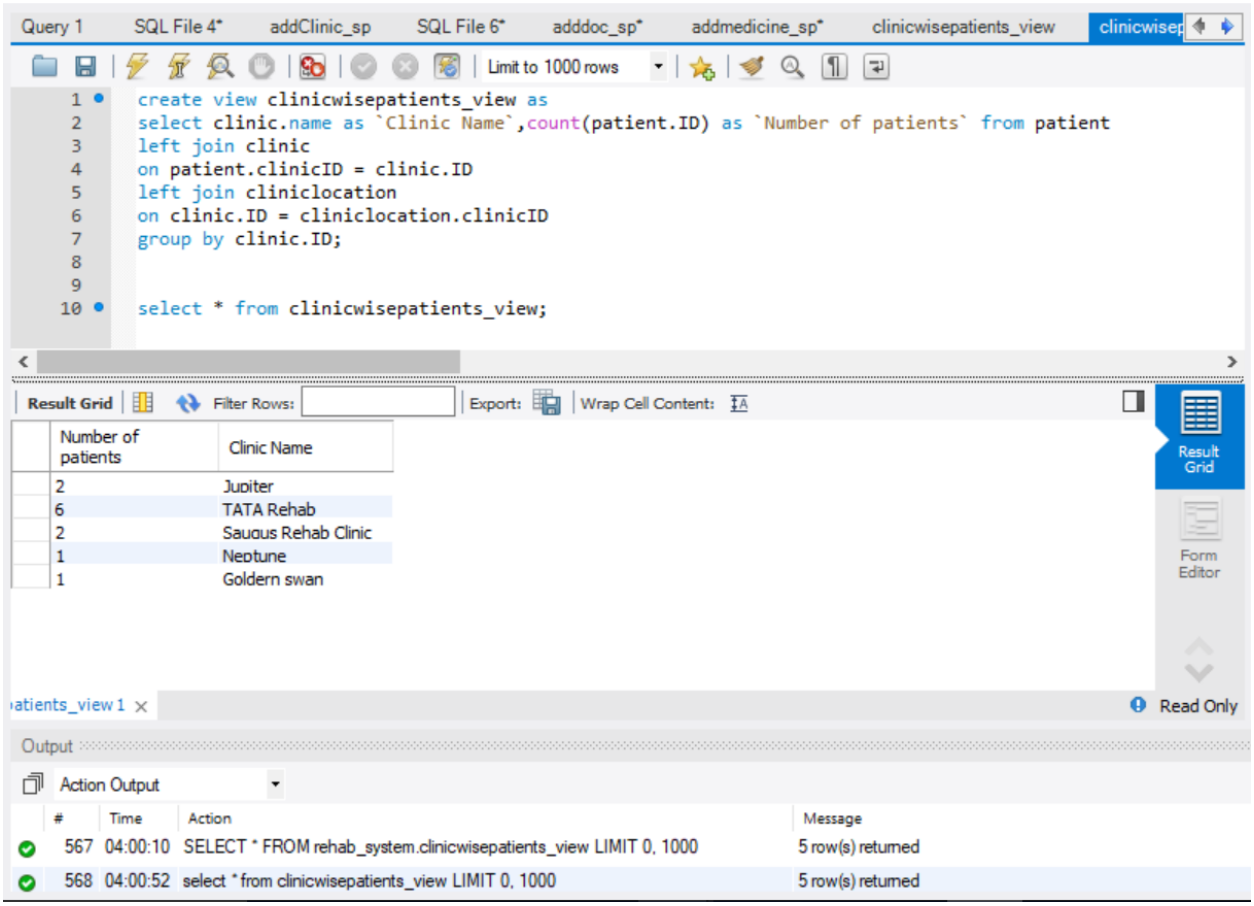
Views

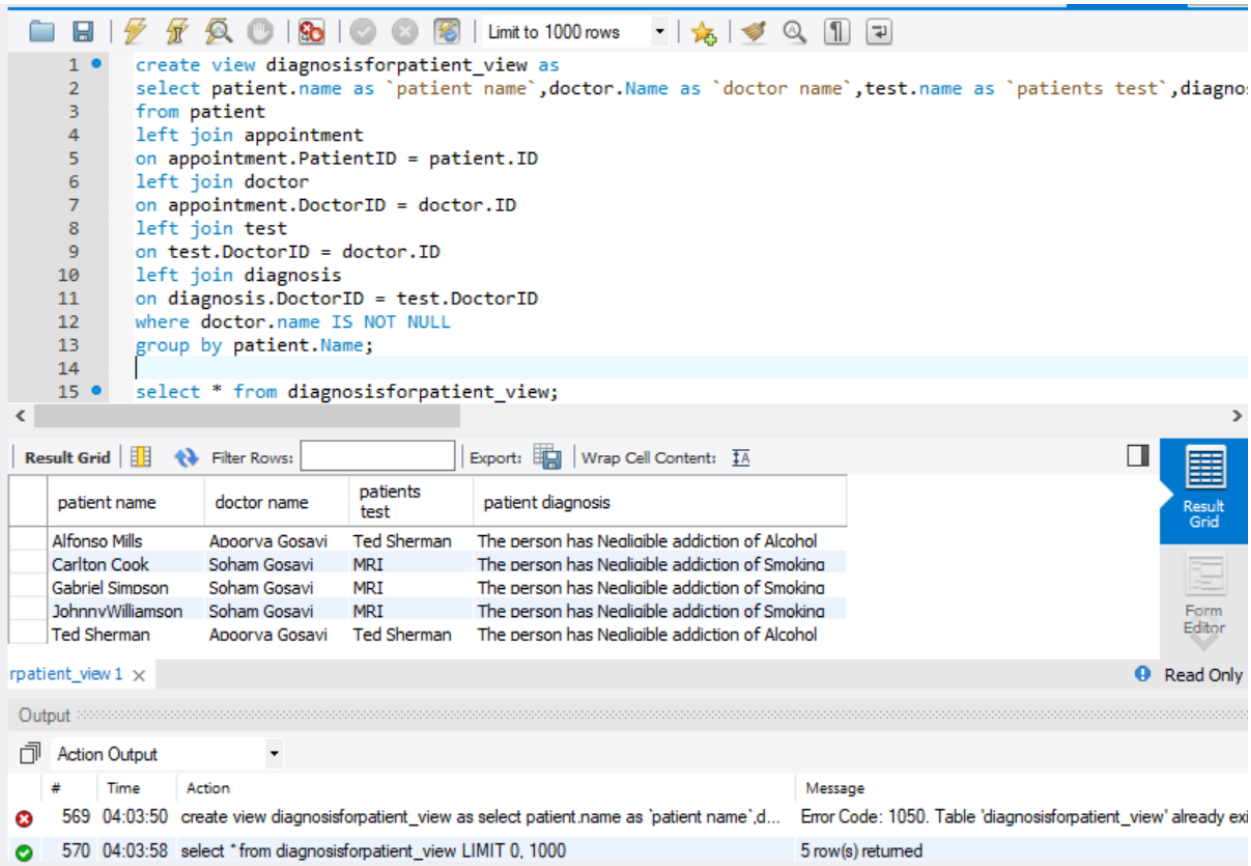
1) **ClinicwisePatients View:** This view helps us to identify the inflow of patients classified based on different clinics.




```
create view clinicwisepatients_view as
select clinic.name as `Clinic Name`,count(patient.ID) as `Number of patients` from patient
left join clinic
on patient.clinicID = clinic.ID
left join cliniclocation
on clinic.ID = cliniclocation.clinicID
group by clinic.ID;


select * from clinicwisepatients_view;
```

2) **diagnosisforpatient_view:** This view helps us to find the diagnosis suggested by the doctor to the patient. It also provides us with the results of the diagnosis that was carried out for the patient.



create view diagnosisforpatient_view as

select patient.name as `patient name`,doctor.Name as `doctor name`,test.name as `patients test`,diagnosis.note as `patient diagnosis`

from patient left join appointment

on appointment.PatientID = patient.ID

left join doctor on appointment.DoctorID = doctor.ID

left join test on test.DoctorID = doctor.ID

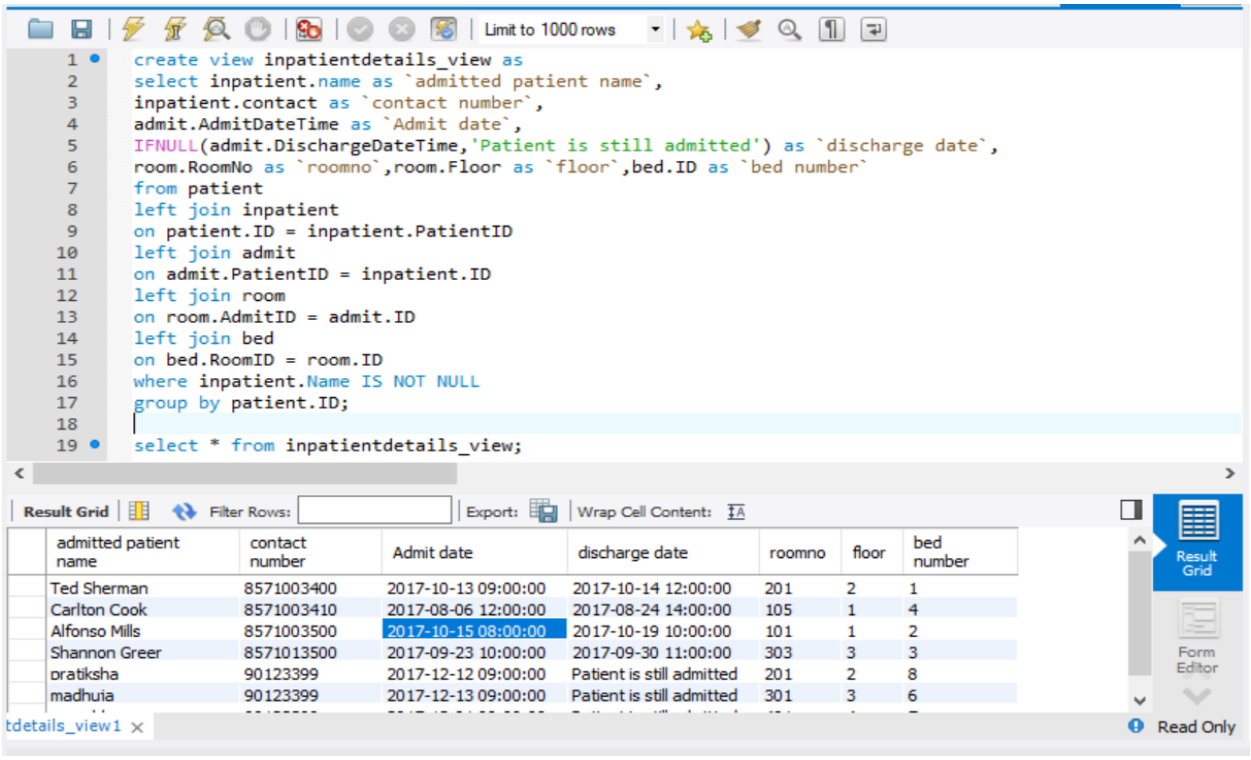
left join diagnosis on diagnosis.DoctorID = test.DoctorID

where doctor.name IS NOT NULL

group by patient.Name;

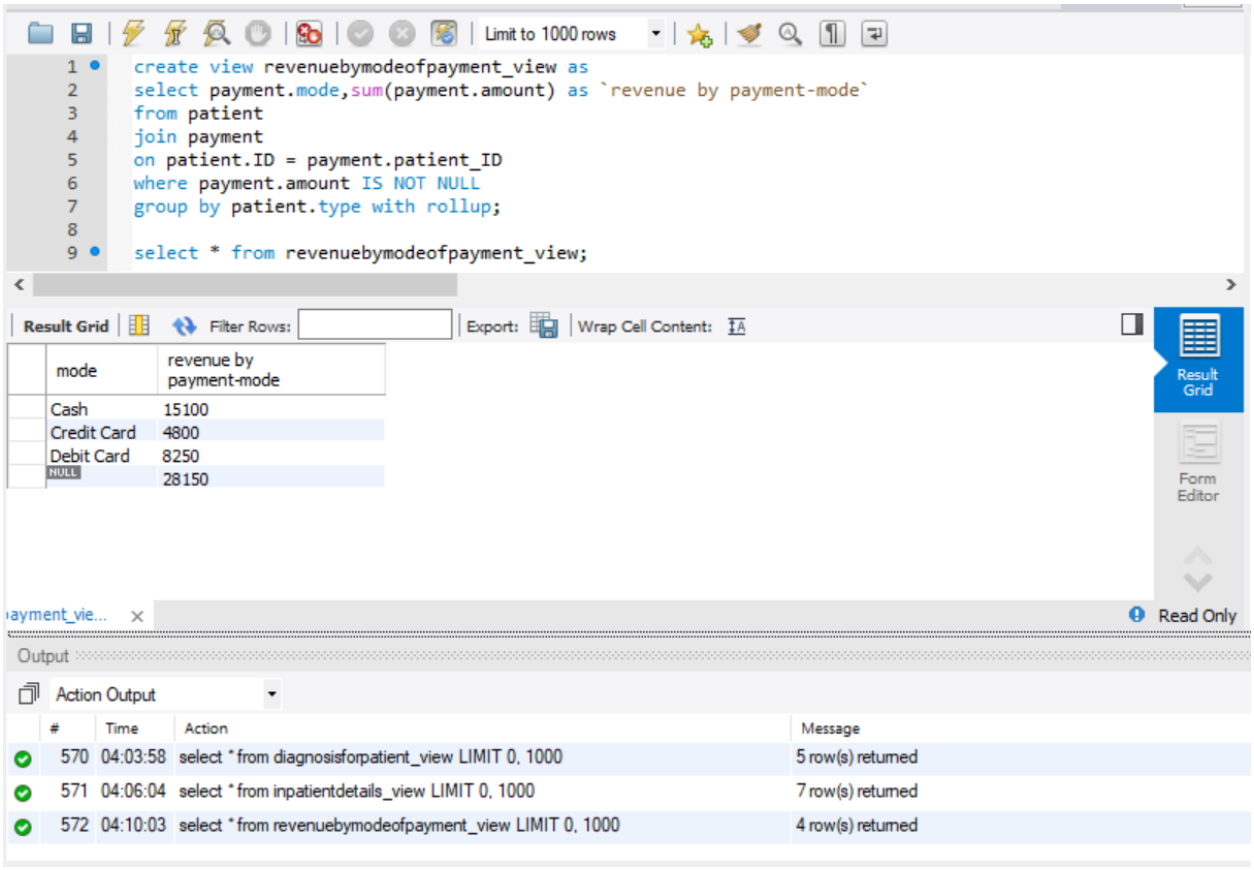
select * from diagnosisforpatient_view;

3) **inpatientdetails_view:** This view helps us to identify the details of all the in-patients. IT gives the information about their contact number, admit date, discharge date, the room, floor and the bed they were admitted in during their treatment. It also shows us if a particular patient is still admitted and is undergoing treatment or not.




```
create view inpatientdetails_view as
select inpatient.name as `admitted patient name`,
inpatient.contact as `contact number`,
admit.AdmitDateTime as `Admit date`,
IFNULL(admit.DischargeDateTime,'Patient is still admitted') as `discharge date`,
room.RoomNo as `roomno`,room.Floor as `floor`,bed.ID as `bed number`
from patient  left join inpatient on patient.ID = inpatient.PatientID
left join admit on admit.PatientID = inpatient.ID
left join room on room.AdmitID = admit.ID
left join bed on bed.RoomID = room.ID
where inpatient.Name IS NOT NULL
group by patient.ID;
select * from inpatientdetails_view;
```

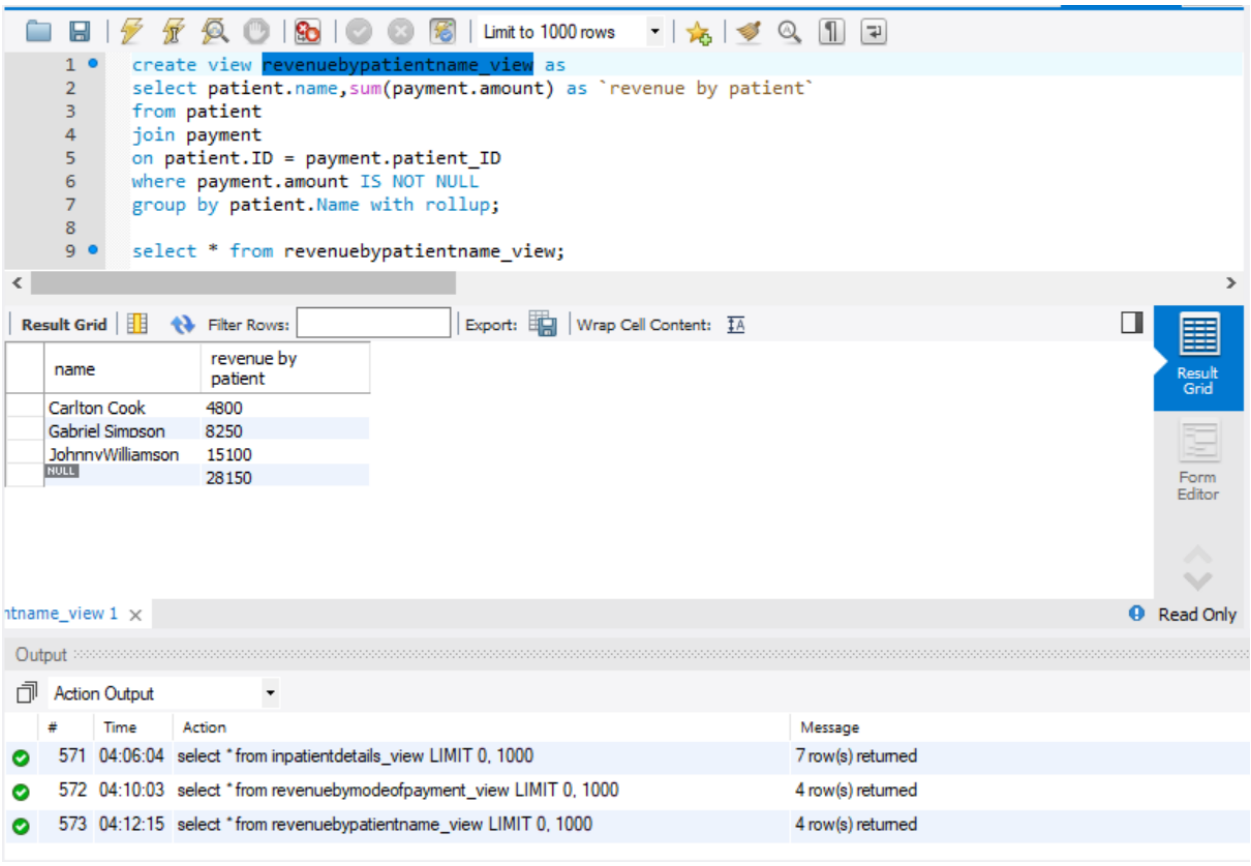
4) **revenuebymodeofpayment_view:** This view helps us to identify the amount that flowed into the clinic by the means of cash/credit card/debit card. It also shows us the total money earned by the clinic.




```
create view revenuebymodeofpayment_view as
select payment.mode,sum(payment.amount) as `revenue by payment-mode`
from patient
join payment
on patient.ID = payment.patient_ID
where payment.amount IS NOT NULL
group by patient.type with rollup;

select * from revenuebymodeofpayment_view;
```

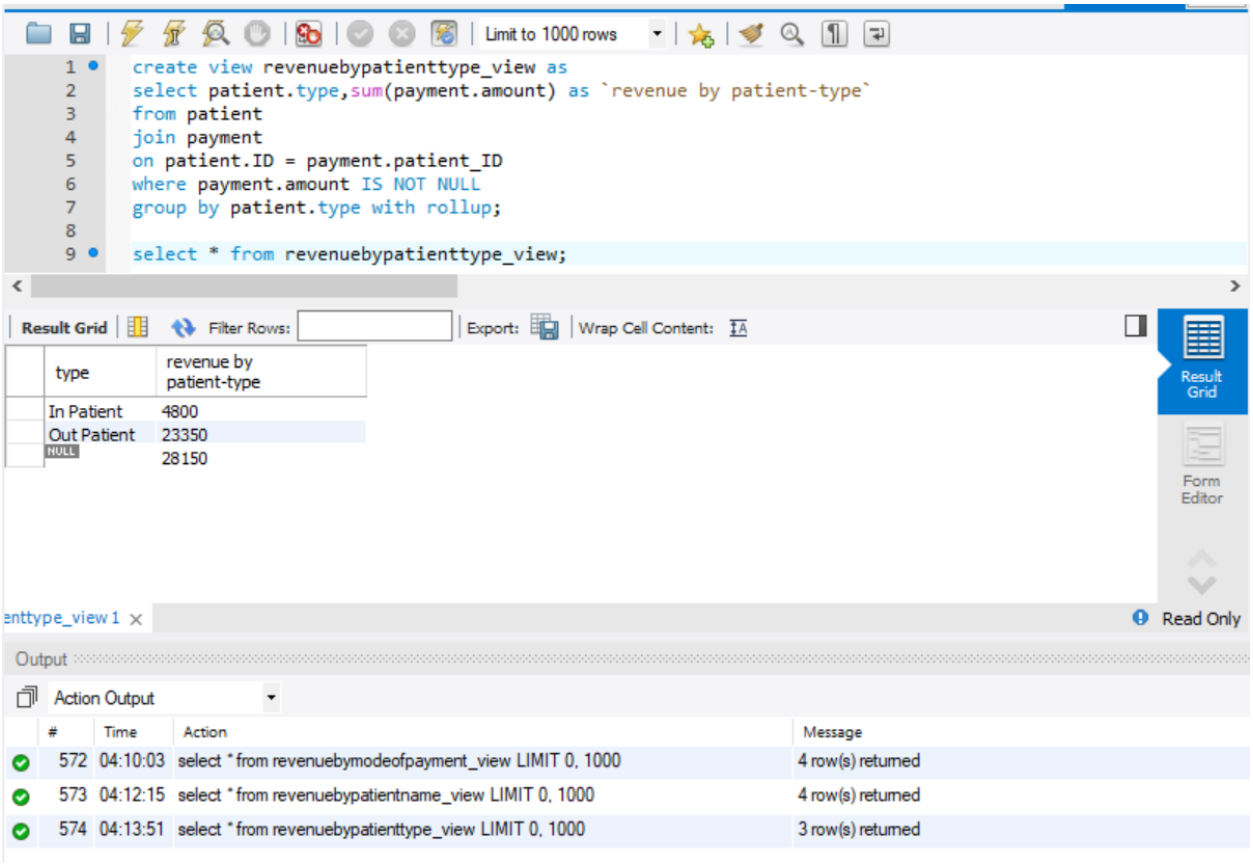
5) **revenuebypatientname_view:** This view helps us to identify the total amount paid by each of the patients to the clinic and also gives us the total amount earned by the clinic to tally.




```
create view revenuebypatientname_view as
select patient.name,sum(payment.amount) as `revenue by patient`
from patient
join payment
on patient.ID = payment.patient_ID
where payment.amount IS NOT NULL
group by patient.Name with rollup;

select * from revenuebypatientname_view;
```

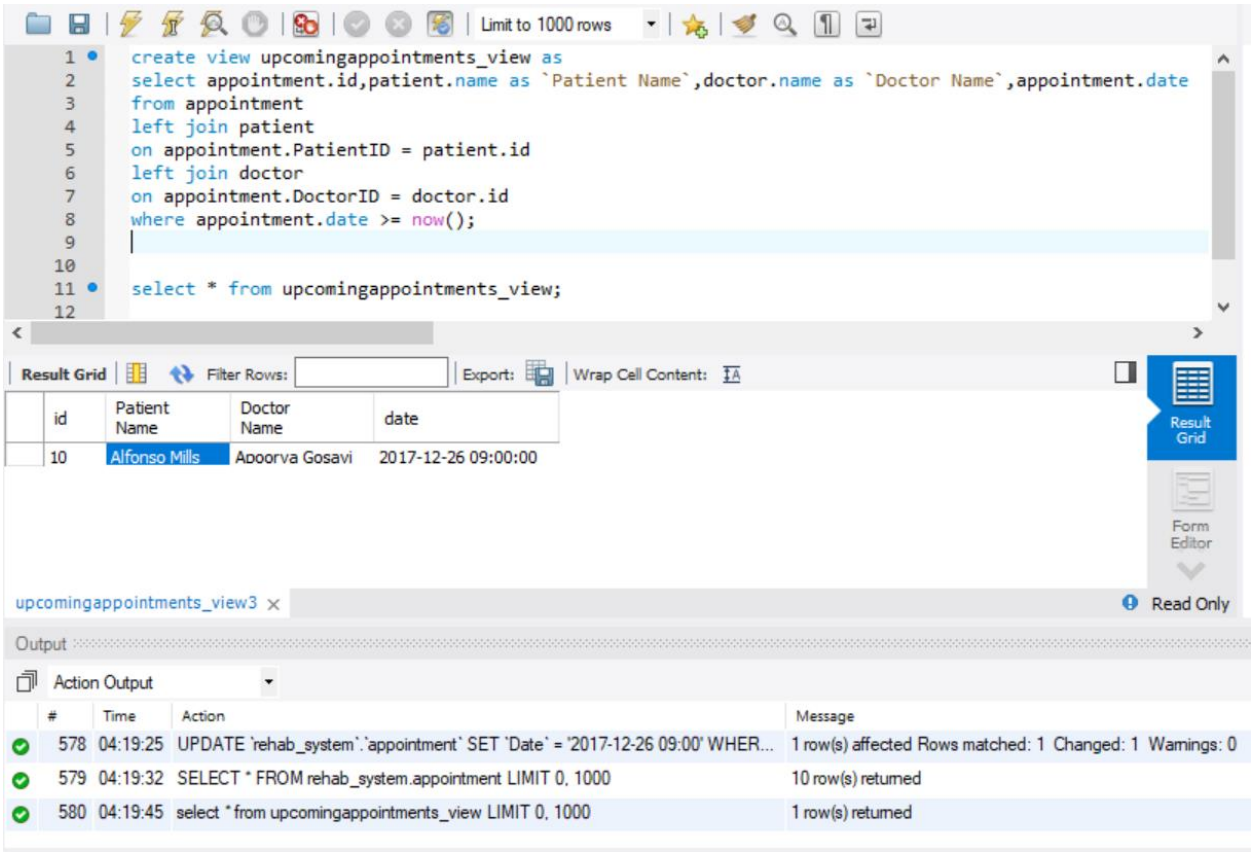
6) **revenuebypatienttype_view :** This view helps us to calculate the earnings earned by the company based on the patient types (classified into In-Patients and Out-Patients) and tally it with the total earnings of the company.




```
create view revenuebypatienttype_view as
select patient.type,sum(payment.amount) as `revenue by patient-type`
from patient
join payment
on patient.ID = payment.patient_ID
where payment.amount IS NOT NULL
group by patient.type with rollup;

select * from revenuebypatienttype_view;
```

7) **upcomingappointments_view:** This view will help to identify the upcoming appointments for the clinics. It gives us the Patient Name and the Doctor Name along with the Date and Time of the appointment.



create view upcomingappointments_viewaddMedicine_sp as

select appointment.id,patient.name as `Patient Name`,doctor.name as `Doctor Name`,appointment.date

from appointment

left join patient

on appointment.PatientID = patient.id

left join doctor

on appointment.DoctorID = doctor.id

where appointment.date >= now();

select * from upcomingappointments_view;

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Dump File:

```
CREATE DATABASE  IF NOT EXISTS `rehab_system` /*!40100 DEFAULT CHARACTER
SET utf8 */;
USE `rehab_system`;
-- MySQL dump 10.13  Distrib 5.7.17, for Win64 (x86_64)
--
-- Host: 127.0.0.1    Database: rehab_system
-- ------------------------------------------------------
-- Server version5.6.37

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO'
*/;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `addiction`
--

DROP TABLE IF EXISTS `addiction`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `addiction` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` enum('Smoking','Alcohol','Drugs') NOT NULL,
  `DoctorID` int(11) NOT NULL,
  `consultationFees` int(11) DEFAULT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `addiction`
--

LOCK TABLES `addiction` WRITE;
/*!40000 ALTER TABLE `addiction` DISABLE KEYS */;
INSERT INTO `addiction` VALUES
(1,'Alcohol',1,1000),(2,'Smoking',2,3600),(3,'Drugs',3,7900),(4,'Smoking',
6,200),(5,'Drugs',7,890),(6,'Smoking',8,500);
/*!40000 ALTER TABLE `addiction` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Table structure for table `address`
--

DROP TABLE IF EXISTS `address`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `address` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `StreetName` varchar(45) NOT NULL,
  `City` varchar(45) NOT NULL,
  `State` varchar(45) DEFAULT NULL,
  `PatientID` int(11) NOT NULL,
  `ZipCode` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`ID`,`PatientID`),
  KEY `Address_PatientID` (`PatientID`),
  CONSTRAINT `Address_PatientID` FOREIGN KEY (`PatientID`) REFERENCES
`patient` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `address`
--

LOCK TABLES `address` WRITE;
/*!40000 ALTER TABLE `address` DISABLE KEYS */;
/*!40000 ALTER TABLE `address` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `admit`
--

DROP TABLE IF EXISTS `admit`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `admit` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `AdmitDateTime` datetime NOT NULL,
  `PatientID` int(11) NOT NULL,
  `DischargeDateTime` datetime DEFAULT NULL,
  PRIMARY KEY (`ID`,`PatientID`),
  KEY `Admit_PatientID` (`PatientID`),
  CONSTRAINT `Admit_PatientID` FOREIGN KEY (`PatientID`) REFERENCES
`inpatient` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=15 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `admit`
--

LOCK TABLES `admit` WRITE;
```

```
/*!40000 ALTER TABLE `admit` DISABLE KEYS */;
INSERT INTO `admit` VALUES (1,'2017-10-13 09:00:00',1,'2017-10-14
12:00:00'),(2,'2017-10-15 08:00:00',3,'2017-10-19 10:00:00'),(3,'2017-09-
23 10:00:00',4,'2017-09-30 11:00:00'),(4,'2017-08-06 12:00:00',2,'2017-08-
24 14:00:00'),(5,'2017-08-06 13:00:00',2,'2017-08-24 15:00:00'),(10,'2017-
12-12 09:00:00',6,NULL),(12,'2017-12-13 09:00:00',5,NULL),(14,'2017-12-01
09:00:00',7,NULL);
/*!40000 ALTER TABLE `admit` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `appointment`
--

DROP TABLE IF EXISTS `appointment`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `appointment` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Date` datetime NOT NULL,
  `PatientID` int(11) NOT NULL,
  `DoctorID` int(11) NOT NULL,
  `ReceptionistID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `DoctorID` (`DoctorID`),
  KEY `PatientID` (`PatientID`),
  KEY `ReceptionistID` (`ReceptionistID`),
  CONSTRAINT `DoctorID` FOREIGN KEY (`DoctorID`) REFERENCES `doctor`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `PatientID` FOREIGN KEY (`PatientID`) REFERENCES `patient`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `ReceptionistID` FOREIGN KEY (`ReceptionistID`) REFERENCES
`receptionist` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=15 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `appointment`
--

LOCK TABLES `appointment` WRITE;
/*!40000 ALTER TABLE `appointment` DISABLE KEYS */;
INSERT INTO `appointment` VALUES (1,'2017-10-12 12:00:00',1,1,1),(2,'2017-
10-15 14:00:00',2,2,2),(3,'2017-09-23 09:00:00',3,2,2),(4,'2017-06-08
11:00:00',4,2,2),(5,'2017-10-27 15:00:00',5,3,3),(6,'2017-12-11
17:00:00',6,3,3),(7,'2017-12-11 12:24:00',1,2,1),(8,'2017-11-23
08:24:00',6,3,3),(9,'2017-11-11 12:24:00',5,6,2),(10,'2017-12-26
09:00:00',5,1,2),(11,'2017-12-11 12:24:00',7,8,1),(12,'2017-12-11
12:24:00',7,1,1),(13,'2017-12-11 12:24:00',6,1,3),(14,'2017-12-11
12:24:00',6,2,3);
/*!40000 ALTER TABLE `appointment` ENABLE KEYS */;
UNLOCK TABLES;

--
```

```
-- Table structure for table `bed`
--

DROP TABLE IF EXISTS `bed`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `bed` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `RoomID` int(11) NOT NULL,
  `Price` int(11) DEFAULT NULL,
  PRIMARY KEY (`ID`,`RoomID`),
  KEY `Bed_RoomID` (`RoomID`),
  CONSTRAINT `Bed_RoomID` FOREIGN KEY (`RoomID`) REFERENCES `room` (`ID`)
ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `bed`
--

LOCK TABLES `bed` WRITE;
/*!40000 ALTER TABLE `bed` DISABLE KEYS */;
INSERT INTO `bed` VALUES
(1,1,200),(2,2,300),(3,3,250),(4,4,400),(6,7,1200),(7,8,2400),(8,5,1000);
/*!40000 ALTER TABLE `bed` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `clinic`
--

DROP TABLE IF EXISTS `clinic`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `clinic` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB AUTO_INCREMENT=18 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `clinic`
--

LOCK TABLES `clinic` WRITE;
/*!40000 ALTER TABLE `clinic` DISABLE KEYS */;
INSERT INTO `clinic` VALUES (1,'Jupiter'),(2,'TATA Rehab'),(3,'Saugus
Rehab Clinic'),(4,'Neptune'),(5,'Goldern swan'),(6,'Ios swan'),(17,'Redsox
rehab center');
/*!40000 ALTER TABLE `clinic` ENABLE KEYS */;
UNLOCK TABLES;
```

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```
--
-- Table structure for table `cliniclocation`
--

DROP TABLE IF EXISTS `cliniclocation`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `cliniclocation` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `StreetAddress` varchar(100) DEFAULT NULL,
  `City` varchar(45) DEFAULT NULL,
  `State` varchar(45) DEFAULT NULL,
  `Country` varchar(45) DEFAULT NULL,
  `ClinicID` int(11) NOT NULL,
  PRIMARY KEY (`ID`,`ClinicID`),
  KEY `Clinic_ClinicID` (`ClinicID`),
  CONSTRAINT `Clinic_ClinicID` FOREIGN KEY (`ClinicID`) REFERENCES
`clinic` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=15 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `cliniclocation`
--

LOCK TABLES `cliniclocation` WRITE;
/*!40000 ALTER TABLE `cliniclocation` DISABLE KEYS */;
INSERT INTO `cliniclocation` VALUES (1,'121,Huntington
avenue','Boston','MA','USA',2),(2,'35 Parker
Street','Boston','MA','USA',1),(3,'35 Hemenway
Street','Boston','MA','USA',2),(4,'34,petter
','boston','MA','USA',7),(5,'34,petter ','boston','MA','USA',8),(6,' 43
Smith ','boston','MA','USA',9),(7,' 43 Tree
h','boston','MA','USA',10),(8,' 43 Tree house
Street','boston','MA','USA',11),(9,' 43 Tree house
Street','boston','MA','USA',12),(14,'45 huntington
ave','Colorado','WA','USA',17);
/*!40000 ALTER TABLE `cliniclocation` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `clinicwisepatients_view`
--

DROP TABLE IF EXISTS `clinicwisepatients_view`;
/*!50001 DROP VIEW IF EXISTS `clinicwisepatients_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `clinicwisepatients_view` AS SELECT
 1 AS `Number of patients`,
 1 AS `Clinic Name`*/;
SET character_set_client = @saved_cs_client;

--
```

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```
-- Table structure for table `diagnosis`
--

DROP TABLE IF EXISTS `diagnosis`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `diagnosis` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Date` datetime NOT NULL,
  `Note` varchar(500) NOT NULL,
  `TestID` int(11) NOT NULL,
  `DoctorID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `Diagnosis_DoctorID` (`DoctorID`),
  KEY `Diagnosis_TestID` (`TestID`),
  CONSTRAINT `Diagnosis_DoctorID` FOREIGN KEY (`DoctorID`) REFERENCES
`doctor` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `Diagnosis_TestID` FOREIGN KEY (`TestID`) REFERENCES `test`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=23 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `diagnosis`
--

LOCK TABLES `diagnosis` WRITE;
/*!40000 ALTER TABLE `diagnosis` DISABLE KEYS */;
INSERT INTO `diagnosis` VALUES (1,'2017-09-12 11:30:00','The person has
Negligible addiction of Alcohol',13,1),(2,'2017-09-12 10:25:00','The
person has Negligible addiction of Alcohol',14,3),(3,'2017-10-12
10:40:00','The person has Negligible addiction of Alcohol',15,1),(4,'2017-
10-12 10:30:00','The person has Marginal addiction of
Alcohol',16,5),(5,'2017-10-12 11:15:00','The person has Negligible
addiction of Alcohol',1,4),(6,'2017-10-12 09:50:00','The person has
Negligible addiction of Alcohol',2,6),(7,'2017-10-12 09:00:00','The person
has Negligible addiction of Alcohol',3,1),(8,'2017-10-12 10:00:00','The
person has Negligible addiction of Smoking',4,2),(9,'2017-10-12
11:00:00','The person has Negligible addiction of Smoking',5,1),(10,'2017-
10-12 14:00:00','The person has Negligible addiction of
Smoking',6,4),(11,'2017-10-12 13:00:00','The person has Negligible
addiction of Smoking',7,2),(12,'2017-11-12 12:00:00','The person has
Marginal addiction of Smoking',8,5),(22,'2017-11-12 00:00:00','The person
has Negligible addiction of Smoking',25,2);
/*!40000 ALTER TABLE `diagnosis` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `diagnosisforpatient_view`
--

DROP TABLE IF EXISTS `diagnosisforpatient_view`;
/*!50001 DROP VIEW IF EXISTS `diagnosisforpatient_view`*/;
SET @saved_cs_client     = @@character_set_client;
```

```
SET character_set_client = utf8;
/*!50001 CREATE VIEW `diagnosisforpatient_view` AS SELECT
 1 AS `patient name`,
 1 AS `doctor name`,
 1 AS `patients test`,
 1 AS `patient diagnosis`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `doctor`
--

DROP TABLE IF EXISTS `doctor`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `doctor` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
  `Age` int(11) DEFAULT NULL,
  `Contact` varchar(15) DEFAULT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB AUTO_INCREMENT=10 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `doctor`
--

LOCK TABLES `doctor` WRITE;
/*!40000 ALTER TABLE `doctor` DISABLE KEYS */;
INSERT INTO `doctor` VALUES (1,'Apoorva
Gosavi',29,'+12983301299'),(2,'Soham Gosavi',22,'+19873301223'),(3,'Shweta
Gosavi',45,'+17592058122'),(4,'sakshi',45,'9120098909'),(5,'sakshi',45,'91
20098909'),(6,'madhuja',45,'9120098909'),(8,'neelambari',30,'8120982210');
/*!40000 ALTER TABLE `doctor` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `inpatient`
--

DROP TABLE IF EXISTS `inpatient`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `inpatient` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
  `Contact` varchar(45) NOT NULL,
  `PatientID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `In_PatientID` (`PatientID`),
  CONSTRAINT `In_PatientID` FOREIGN KEY (`PatientID`) REFERENCES `patient`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=10 DEFAULT CHARSET=utf8;
```

```
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `inpatient`
--

LOCK TABLES `inpatient` WRITE;
/*!40000 ALTER TABLE `inpatient` DISABLE KEYS */;
INSERT INTO `inpatient` VALUES (1,'Ted
Sherman','8571003400',1),(2,'Carlton Cook','8571003410',3),(3,'Alfonso
Mills','8571003500',5),(4,'Shannon
Greer','8571013500',6),(5,'madhuja','90123399',8),(6,'pratiksha','90123399
',7),(7,'saurabh','90123399',9),(8,'Dan','8768912000',11),(9,'Daniel','123
4590011',12);
/*!40000 ALTER TABLE `inpatient` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `inpatientdetails_view`
--

DROP TABLE IF EXISTS `inpatientdetails_view`;
/*!50001 DROP VIEW IF EXISTS `inpatientdetails_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `inpatientdetails_view` AS SELECT
 1 AS `admitted patient name`,
 1 AS `contact number`,
 1 AS `Admit date`,
 1 AS `discharge date`,
 1 AS `roomno`,
 1 AS `floor`,
 1 AS `bed number`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `medicaltreatment`
--

DROP TABLE IF EXISTS `medicaltreatment`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `medicaltreatment` (
  `medicine_ID` int(11) NOT NULL,
  `treatment_ID` int(11) NOT NULL,
  `Dosage` int(11) DEFAULT NULL,
  KEY `fk_medicine_has_treatment_medicine1` (`medicine_ID`),
  KEY `fk_medicine_has_treatment_treatment1` (`treatment_ID`),
  CONSTRAINT `fk_medicine_has_treatment_medicine1` FOREIGN KEY
(`medicine_ID`) REFERENCES `medicine` (`ID`) ON DELETE NO ACTION ON UPDATE
NO ACTION,
  CONSTRAINT `fk_medicine_has_treatment_treatment1` FOREIGN KEY
(`treatment_ID`) REFERENCES `treatment` (`ID`) ON DELETE NO ACTION ON
UPDATE NO ACTION
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `medicaltreatment`
--

LOCK TABLES `medicaltreatment` WRITE;
/*!40000 ALTER TABLE `medicaltreatment` DISABLE KEYS */;
INSERT INTO `medicaltreatment` VALUES
(2,9,1),(3,10,3),(4,11,3),(1,12,2),(4,18,4),(2,19,5),(4,20,3);
/*!40000 ALTER TABLE `medicaltreatment` ENABLE KEYS */;
UNLOCK TABLES;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
/*!50003 CREATE*/ /*!50017 DEFINER=`root`@`localhost`*/ /*!50003 TRIGGER
tr_insprescribedMedicine AFTER INSERT ON medicaltreatment
       FOR EACH ROW
       BEGIN
       set @docID := (select T.doctorID from treatment T
                                LEFT JOIN medicaltreatment MT ON
                     T.ID =MT.treatment_ID LIMIT 1);

       INSERT INTO prescribemedicine (doctor_ID,medicine_ID)
                    VALUES (@docID,NEW.medicine_ID);

     END */;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;

--
-- Table structure for table `medicine`
--

DROP TABLE IF EXISTS `medicine`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `medicine` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(200) NOT NULL,
  `ExpiryDate` date NOT NULL,
  `Cost` int(11) DEFAULT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8;
```

```
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `medicine`
--

LOCK TABLES `medicine` WRITE;
/*!40000 ALTER TABLE `medicine` DISABLE KEYS */;
INSERT INTO `medicine` VALUES (1,'Naltrexone','0000-00-
00',200),(2,'Aspirin and Codeine','2018-05-
02',200),(3,'Benzonatate','0000-00-00',500),(4,'Crocin','2017-07-
12',890),(5,'Clomax','2019-05-22',600),(6,'BGS','2020-04-05',700);
/*!40000 ALTER TABLE `medicine` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `outpatient`
--

DROP TABLE IF EXISTS `outpatient`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `outpatient` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
  `PatientID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `Out_PatientID` (`PatientID`),
  CONSTRAINT `Out_PatientID` FOREIGN KEY (`PatientID`) REFERENCES
`patient` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `outpatient`
--

LOCK TABLES `outpatient` WRITE;
/*!40000 ALTER TABLE `outpatient` DISABLE KEYS */;
INSERT INTO `outpatient` VALUES (1,'Johnny Williamson',2),(2,'Gabriel
Simpson',4);
/*!40000 ALTER TABLE `outpatient` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `patient`
--

DROP TABLE IF EXISTS `patient`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `patient` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
```

```
  `Type` enum('In Patient','Out Patient') DEFAULT NULL,
  `ClinicID` int(11) NOT NULL,
  PRIMARY KEY (`ID`,`ClinicID`),
  KEY `Patient_ClinicID` (`ClinicID`),
  CONSTRAINT `Patient_ClinicID` FOREIGN KEY (`ClinicID`) REFERENCES
`clinic` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `patient`
--

LOCK TABLES `patient` WRITE;
/*!40000 ALTER TABLE `patient` DISABLE KEYS */;
INSERT INTO `patient` VALUES (1,'Ted Sherman','In Patient',1),(2,'Johnny
     Williamson','Out Patient',2),(3,'Carlton Cook','In
Patient',2),(4,'Gabriel Simpson','Out Patient',2),(5,'Alfonso Mills','In
Patient',3),(6,'Shannon Greer','In Patient',3),(7,'pratiksha','In
Patient',1),(8,'madhuja','In Patient',4),(9,'saurabh','In
Patient',5),(11,'Dan','In Patient',1),(12,'Daniel','In Patient',1);
/*!40000 ALTER TABLE `patient` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `patientaddiction`
--

DROP TABLE IF EXISTS `patientaddiction`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `patientaddiction` (
  `patient_ID` int(11) NOT NULL,
  `addiction_ID` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `patientaddiction`
--

LOCK TABLES `patientaddiction` WRITE;
/*!40000 ALTER TABLE `patientaddiction` DISABLE KEYS */;
INSERT INTO `patientaddiction` VALUES (1,1),(2,3),(3,2),(4,1),(5,2),(6,2);
/*!40000 ALTER TABLE `patientaddiction` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `payment`
--

DROP TABLE IF EXISTS `payment`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
```

```
CREATE TABLE `payment` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Amount` int(11) NOT NULL,
  `Mode` enum('Cash','Credit Card','Debit Card') DEFAULT NULL,
  `patient_ID` int(11) NOT NULL,
  PRIMARY KEY (`ID`,`patient_ID`),
  KEY `fk_Payment_patient1` (`patient_ID`),
  CONSTRAINT `fk_Payment_patient1` FOREIGN KEY (`patient_ID`) REFERENCES
`patient` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `payment`
--

LOCK TABLES `payment` WRITE;
/*!40000 ALTER TABLE `payment` DISABLE KEYS */;
INSERT INTO `payment` VALUES (1,15100,'Cash',2),(2,4800,'Credit
Card',3),(3,2750,'Debit Card',4),(4,2750,'Debit Card',4),(5,2750,'Debit
Card',4),(6,12400,'Credit Card',5);
/*!40000 ALTER TABLE `payment` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `prescribemedicine`
--

DROP TABLE IF EXISTS `prescribemedicine`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `prescribemedicine` (
  `doctor_ID` int(11) NOT NULL,
  `medicine_ID` int(11) NOT NULL,
  KEY `fk_doctor_has_medicine_doctor1` (`doctor_ID`),
  KEY `fk_doctor_has_medicine_medicine1` (`medicine_ID`),
  CONSTRAINT `fk_doctor_has_medicine_doctor1` FOREIGN KEY (`doctor_ID`)
REFERENCES `doctor` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `fk_doctor_has_medicine_medicine1` FOREIGN KEY
(`medicine_ID`) REFERENCES `medicine` (`ID`) ON DELETE NO ACTION ON UPDATE
NO ACTION
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `prescribemedicine`
--

LOCK TABLES `prescribemedicine` WRITE;
/*!40000 ALTER TABLE `prescribemedicine` DISABLE KEYS */;
INSERT INTO `prescribemedicine` VALUES
(1,1),(1,2),(1,3),(2,1),(2,2),(3,1),(3,2),(1,4),(1,4);
/*!40000 ALTER TABLE `prescribemedicine` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Table structure for table `receptionist`
--

DROP TABLE IF EXISTS `receptionist`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `receptionist` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(45) NOT NULL,
  `ClinicID` int(11) NOT NULL,
  `Gender` enum('M','F','Other') DEFAULT NULL,
  `DateOfJoining` datetime DEFAULT NULL,
  PRIMARY KEY (`ID`,`ClinicID`),
  KEY `Recep_ClinicID` (`ClinicID`),
  CONSTRAINT `Recep_ClinicID` FOREIGN KEY (`ClinicID`) REFERENCES `clinic`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `receptionist`
--

LOCK TABLES `receptionist` WRITE;
/*!40000 ALTER TABLE `receptionist` DISABLE KEYS */;
INSERT INTO `receptionist` VALUES (1,'Fannie Daniel',1,'M','2017-06-03
09:00:00'),(2,'Angelica     Lindsey',2,'F','2016-03-12 11:00:00'),(3,'Abe
Colleen',3,'M','2015-12-29 13:00:00');
/*!40000 ALTER TABLE `receptionist` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `recovery`
--

DROP TABLE IF EXISTS `recovery`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `recovery` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `TreatmentID` int(11) NOT NULL,
  `Description` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`ID`),
  KEY `Recovery_TreatmentID` (`TreatmentID`),
  CONSTRAINT `Recovery_TreatmentID` FOREIGN KEY (`TreatmentID`) REFERENCES
`treatment` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `recovery`
--
```

```
LOCK TABLES `recovery` WRITE;
/*!40000 ALTER TABLE `recovery` DISABLE KEYS */;
INSERT INTO `recovery` VALUES (1,1,'recoved from addiction'),(2,2,'recoved
from addiction'),(3,3,'recoved from addiction'),(4,4,'recoved from
addiction'),(5,5,'recoved from addiction'),(6,6,'recoved from
addiction'),(12,20,'3');
/*!40000 ALTER TABLE `recovery` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `result`
--

DROP TABLE IF EXISTS `result`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `result` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Cured` enum('Full','Partial') NOT NULL,
  `Note` varchar(45) DEFAULT NULL,
  `RecoveryID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `Result_RecoveryID` (`RecoveryID`),
  CONSTRAINT `Result_RecoveryID` FOREIGN KEY (`RecoveryID`) REFERENCES
`recovery` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `result`
--

LOCK TABLES `result` WRITE;
/*!40000 ALTER TABLE `result` DISABLE KEYS */;
INSERT INTO `result` VALUES (1,'Full','recoved',1),(2,'Partial','partially
recoved',2),(3,'Full','recoved fully',3),(4,'Partial','partially recoved
from
addition',4),(5,'Full','recoved',5),(6,'Full','recoved',6),(12,'Partial','
Treatment for patient',12);
/*!40000 ALTER TABLE `result` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `revenuebymodeofpayment_view`
--

DROP TABLE IF EXISTS `revenuebymodeofpayment_view`;
/*!50001 DROP VIEW IF EXISTS `revenuebymodeofpayment_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `revenuebymodeofpayment_view` AS SELECT
 1 AS `mode`,
 1 AS `revenue by payment-mode`*/;
```

```
SET character_set_client = @saved_cs_client;

--
-- Temporary view structure for view `revenuebypatientname_view`
--

DROP TABLE IF EXISTS `revenuebypatientname_view`;
/*!50001 DROP VIEW IF EXISTS `revenuebypatientname_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `revenuebypatientname_view` AS SELECT
 1 AS `name`,
 1 AS `revenue by patient`*/;
SET character_set_client = @saved_cs_client;

--
-- Temporary view structure for view `revenuebypatienttype_view`
--

DROP TABLE IF EXISTS `revenuebypatienttype_view`;
/*!50001 DROP VIEW IF EXISTS `revenuebypatienttype_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `revenuebypatienttype_view` AS SELECT
 1 AS `type`,
 1 AS `revenue by patient-type`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `room`
--

DROP TABLE IF EXISTS `room`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `room` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `RoomNo` int(11) NOT NULL,
  `AdmitID` int(11) NOT NULL,
  `Floor` int(11) DEFAULT NULL,
  PRIMARY KEY (`ID`,`AdmitID`),
  KEY `Room_AdmitID` (`AdmitID`),
  CONSTRAINT `Room_AdmitID` FOREIGN KEY (`AdmitID`) REFERENCES `admit`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `room`
--

LOCK TABLES `room` WRITE;
/*!40000 ALTER TABLE `room` DISABLE KEYS */;
```

```
INSERT INTO `room` VALUES
(1,201,1,2),(2,101,2,1),(3,303,3,3),(4,105,4,1),(5,201,10,2),(7,301,12,3),
(8,401,14,4);
/*!40000 ALTER TABLE `room` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `test`
--

DROP TABLE IF EXISTS `test`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `test` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(25) NOT NULL,
  `Date` datetime NOT NULL,
  `DoctorID` int(11) NOT NULL,
  `Cost` int(11) DEFAULT NULL,
  `Result` enum('Negligible','Marginal','Critical') DEFAULT NULL,
  PRIMARY KEY (`ID`),
  KEY `Test_DoctorID` (`DoctorID`),
  CONSTRAINT `Test_DoctorID` FOREIGN KEY (`DoctorID`) REFERENCES `doctor`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=26 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `test`
--

LOCK TABLES `test` WRITE;
/*!40000 ALTER TABLE `test` DISABLE KEYS */;
INSERT INTO `test` VALUES (1,'Ted Sherman','2017-02-12
10:20:00',1,2300,'Negligible'),(2,'Heart rate','2017-04-12
11:00:00',1,2300,'Negligible'),(3,'MRI','2017-06-12
10:00:00',1,2800,'Marginal'),(4,'CTScan','2017-06-12
14:00:00',1,2800,'Critical'),(5,'MA','2017-07-12
13:30:00',1,2200,'Negligible'),(6,'AB','2017-07-12
12:00:00',1,2230,'Marginal'),(7,'CC','2017-08-12
14:00:00',1,2230,'Marginal'),(8,'DD','2017-09-12
15:00:00',1,3000,'Negligible'),(9,'MS','2017-09-12
13:00:00',1,3000,'Negligible'),(10,'ff','2017-10-12
15:00:00',1,3000,'Marginal'),(11,'DF','2017-10-12
16:00:00',1,5400,'Negligible'),(12,'MRI','2017-10-12
16:00:00',2,4400,'Negligible'),(13,'GD','2017-10-12
17:00:00',2,4400,'Negligible'),(14,'BB','2017-10-12
18:00:00',2,4400,'Negligible'),(15,'SD','2017-10-12
19:00:00',2,4400,'Negligible'),(16,'SD','2017-11-12
20:00:00',2,4450,'Marginal'),(25,'Blood','2017-11-12
00:00:00',2,4450,'Negligible');
/*!40000 ALTER TABLE `test` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Table structure for table `treatment`
--

DROP TABLE IF EXISTS `treatment`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `treatment` (
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  `Date` datetime NOT NULL,
  `DoctorID` int(11) NOT NULL,
  `AddictionID` int(11) NOT NULL,
  `Description` varchar(255) DEFAULT NULL,
  `patient_ID` int(11) NOT NULL,
  PRIMARY KEY (`ID`),
  KEY `Treat_AddictionID` (`AddictionID`),
  KEY `Treat_DoctorID` (`DoctorID`),
  KEY `Treat_PatientID` (`patient_ID`),
  CONSTRAINT `Treat_AddictionID` FOREIGN KEY (`AddictionID`) REFERENCES
`addiction` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `Treat_DoctorID` FOREIGN KEY (`DoctorID`) REFERENCES `doctor`
(`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `Treat_PatientID` FOREIGN KEY (`patient_ID`) REFERENCES
`patient` (`ID`) ON DELETE NO ACTION ON UPDATE NO ACTION
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `treatment`
--

LOCK TABLES `treatment` WRITE;
/*!40000 ALTER TABLE `treatment` DISABLE KEYS */;
INSERT INTO `treatment` VALUES (1,'2017-08-08 12:00:00',1,1,'Daily alcohol
consumption',1),(2,'2017-09-24 11:00:00',2,2,'Severe consumtion of
drugs',2),(3,'2017-10-23 15:00:00',2,3,'Consumes 2 packets of ciggrates
daily',3),(4,'2017-10-30 16:00:00',2,1,'heavy alcohol
consumption',4),(5,'2017-11-05 15:50:00',2,2,'drugs',5),(6,'2017-12-12
12:20:00',3,3,'ciggrates consumption',4),(20,'2017-12-18
00:00:00',2,2,'3',5);
/*!40000 ALTER TABLE `treatment` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `upcomingappointments_view`
--

DROP TABLE IF EXISTS `upcomingappointments_view`;
/*!50001 DROP VIEW IF EXISTS `upcomingappointments_view`*/;
SET @saved_cs_client     = @@character_set_client;
SET character_set_client = utf8;
/*!50001 CREATE VIEW `upcomingappointments_view` AS SELECT
 1 AS `id`,
 1 AS `Patient Name`,
```

```
 1 AS `Doctor Name`,
 1 AS `date`*/;
SET character_set_client = @saved_cs_client;

--
-- Dumping events for database 'rehab_system'
--

--
-- Dumping routines for database 'rehab_system'
--
/*!50003 DROP FUNCTION IF EXISTS `diseaseDiagnosis` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` FUNCTION `diseaseDiagnosis`(AddictionID
INT,TestType varchar(100)) RETURNS varchar(100) CHARSET utf8
BEGIN
   DECLARE DiagnosisNote  VARCHAR(100);

select `name` into @AddictionName
from addiction
where ID = AddictionID;

IF(@type = '')

THEN
set DiagnosisNote := concat('The person has ' ,@AddictionName,'
addiction');


ELSE

    set DiagnosisNote := concat('The person has ',@type,' addiction of
',@AddictionName);

END IF;

RETURN DiagnosisNote;
END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `addClinic_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
```

```
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `addClinic_sp`(IN ClinicName
varchar(255),
IN SAddress varchar(100),
IN Cty varchar(15),
IN Stte varchar(100),
IN County varchar(100))
BEGIN

START TRANSACTION;


 INSERT INTO Clinic(Name)
                VALUES (ClinicName);
SET @insertedID :=  LAST_INSERT_ID();

   INSERT INTO cliniclocation(StreetAddress,City,State,Country,ClinicID)
                      VALUES(SAddress,Cty,Stte,County,@insertedID);

  COMMIT;
  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `addDoctor_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `addDoctor_sp`(IN DoctorName
varchar(255),
IN DoctorAge varchar(10),
IN DoctorContact varchar(15),
IN AddictionName varchar(255),
IN ConsultationFees int)
BEGIN



INSERT INTO Doctor(Name,Age,Contact)
                VALUES (DoctorName,
```

```
                    DoctorAge,
                            DoctorContact);

set @doctorID:= last_insert_id();

INSERT INTO addiction(name,doctorID,Consultationfees)
                VALUES (AddictionName,@doctorID,ConsultationFees);

  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `addMedicine_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `addMedicine_sp`(IN Name
varchar(255),
IN ExpiryDate date,
IN Cost int)
BEGIN

INSERT INTO Medicine(Name,ExpiryDate,Cost)
                VALUES (Name,
                   ExpiryDate,
                           Cost);

  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `addPatient_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `addPatient_sp`(IN PatientName
varchar(255),
IN PatientType varchar(10),
```

```
IN PCon varchar(15),
IN PCity varchar(100),
IN PAddress varchar(100))
BEGIN
START TRANSACTION;
 SET @ClinicID := (select Clinic.ID from Clinic
                  LEFT JOIN ClinicLocation  C ON C.ClinicID = Clinic.ID
                  WHERE C.City IN  (PCity) AND C.StreetAddress LIKE
(PAddress));
 INSERT INTO Patient(Name,Type,ClinicID)
                 VALUES (PatientName,
                    PatientType,
                            @ClinicID);
SET @insertedID :=  LAST_INSERT_ID();
 IF PatientType = 'In Patient' THEN

   INSERT INTO inpatient(name,contact,PatientID)
                       VALUES(PatientName,PCon,
                       @insertedID);

  ELSE
   INSERT INTO outpatient(Name,PatientID) VALUES
(PatientName,@insertedID);

  END IF;
  COMMIT;
  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `addTreatment_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `addTreatment_sp`(IN
PatientName varchar(255),
IN MedicineName varchar(10),
IN dsg int,
IN Description varchar(255),
IN TDate Datetime,
OUT Msg varchar(200))
BEGIN

SET @PtID := (select ID from Patient where Name like PatientName LIMIT 1);
```

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```
SELECT P.addiction_ID,AD.DoctorID into @AdID,@DocID from patientaddiction
P
LEFT JOIN addiction AD ON AD.ID = P.addiction_ID where patient_ID =@PtID
LIMIT 1;

INSERT INTO treatment (Date,DoctorID,AddictionID,Description,patient_ID)
                 VALUES(TDate,@docID,@AdID,dsg,@PtID);
SET @treatID := last_insert_id();

Set @MedicineID := (SELECT ID from medicine where Name like MedicineName
LIMIT 1);
select @MedicineID,MedicineName;

IF @MedicineID IS not NULL THEN
INSERT INTO medicaltreatment(medicine_ID,treatment_ID,Dosage) VALUES
(@MedicineID,@treatID,dsg);
SET Msg:= CONCAT( 'Medicial Treatment added for ', PatientName);

INSERT INTO recovery(TreatmentID,Description) VALUES (@treatID,dsg);
SET @RecID :=last_insert_id();

set @type := ELT(0.5 + rand() *2 ,'Full','Partial');
INSERT INTO result(cured,Note,RecoveryID)
VALUES(@type,Description,@RecID);
ELSE
SET Msg:= 'Medicine not found.';
END IF;
  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `bookAnAppointment_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `bookAnAppointment_sp`(IN
PatientName varchar(255),
IN Addon varchar(10),
IN AppointmentDate datetime,
OUT consultationFees INT)
BEGIN
START TRANSACTION;

select clinicID,ID into @clinicID,@patientID
from patient
where `Name` LIKE PatientName
```

```
LIMIT 1;

select doctorid into @doctorid
from addiction
where `name` LIKE Addon
order by rand()
LIMIT 1;

select ID into @receptionistID
from receptionist
where clinicID = @clinicID;

INSERT INTO appointment(`Date`,patientID,doctorID,receptionistID)
                VALUES
(AppointmentDate,@patientID,@doctorid,@receptionistID);
    select   @doctorid,Addon;
select consultationFees from addiction where DoctorID = @doctorid AND
`Name` LIKE Addon order by rand() limit 1;
set consultationFees := (select consultationFees from addiction where
DoctorID = @doctorid AND `Name` LIKE Addon order by rand() limit 1);

select addictionID into @addictionID
from addiction
where doctorID = @doctorid and name = Addon;

INSERT INTO patientaddiction(patientID,addictionID) values
(@patientID,@addictionID);
COMMIT;
END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `diseaseDiagnosis_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `diseaseDiagnosis_sp`(IN
PatientName varchar(255),
IN TestName varchar(100),
IN TestDate datetime,
IN TestCost INT)
BEGIN
START TRANSACTION;
 SET @PatientID := (select ID from patient
                  WHERE `name` LIKE PatientName LIMIT 1);
```

```
SET @AddictionID := (select addiction_ID from patientaddiction
                              WHERE patient_ID = @PatientID LIMIT 1);
SET @DoctorID := (select doctorID from addiction
                              WHERE ID = @AddictionID);
IF (TestName != '') THEN

set @type := ELT(0.5 + rand() *3 ,'Negligible','Marginal','Critical');

 INSERT INTO Test(Name,DoctorID,Date,Cost,Result)
                 VALUES (TestName,
                    @DoctorID,
                              TestDate,
                    TestCost,
                    @type);
  Set @TestID := last_insert_id();
END IF;
INSERT INTO diagnosis (Date,Note,TestID,DoctorID)
              VALUES (TestDate,(select diseaseDiagnosis
(@AddictionID,@type)),@TestID,@DoctorID);

  COMMIT;
  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `generateMedicalReport_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `generateMedicalReport_sp`(IN
PatientName varchar(255))
BEGIN

select p.name as Patient_Name,a.name as addiction,doc.name as
Doctor_name,doc.contact as Doctor_contact,dia.date as
diagnosis_date,dia.note as Doctor_comments,t.name as
test_name,t.Date,t.cost as test_cost
from patient p
left join patientaddiction pa
on p.id=pa.patient_ID
left join addiction a
on a.id = pa.addiction_ID
left join doctor doc
on doc.id = a.doctorid
left join diagnosis dia
on doc.id = dia.doctorid
```

```
left join test t
on t.DoctorID = dia.DoctorID
left join treatment tr
on tr.patient_ID = p.ID
AND tr.DoctorID = doc.ID
left join medicaltreatment mt
on mt.treatment_ID = tr.ID
left join medicine m
on m.ID = mt.medicine_ID
left join recovery r
on r.TreatmentID = tr.ID
left join result res
on res.RecoveryID = r.ID
where p.Name = PatientName;

END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `getClinicLocation_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `getClinicLocation_sp`(IN
States varchar(255),
IN Countries varchar(10))
BEGIN


 Select cl.StreetAddress,cl.City,cl.State,cl.Country,c.Name
 from cliniclocation cl left join clinic c
 on cl.ClinicID = c.ID
 where state LIKE States AND country LIKE Countries;

  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;
/*!50003 DROP PROCEDURE IF EXISTS `makePayment_sp` */;
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;
/*!50003 SET @saved_cs_results     = @@character_set_results */ ;
/*!50003 SET @saved_col_connection = @@collation_connection */ ;
/*!50003 SET character_set_client  = utf8 */ ;
/*!50003 SET character_set_results = utf8 */ ;
```

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```
/*!50003 SET collation_connection  = utf8_general_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `makePayment_sp`(IN TrID INT,
IN Paymode varchar(15),
OUT msg varchar(200))
BEGIN
Set @PatientID := (select patient_ID from treatment where ID = TrID LIMIT
1);
Set @PType := (select Type from patient where ID = @PatientID LIMIT 1);
Set @patientName := (select name from patient where id = @PatientID);
SET @AmountDue := 0;
SET @Inprice := 0;

IF Not exists (select * from payment where patient_ID = @PatientID)
THEN
set @cprice := (select A.consultationFees from patientaddiction PA
               LEFT JOIN Addiction A ON A.ID= PA.addiction_ID
               LEFT JOIN Patient P ON P.ID = PA.patient_ID
               WHERE P.ID =@PatientID LIMIT 1);
select @cprice;
set @testprice := ( select T.Cost from patientaddiction PA
                        LEFT JOIN Patient P ON P.ID = PA.patient_ID
               LEFT JOIN Addiction A ON A.ID= PA.addiction_ID
               LEFT JOIN Doctor D  ON D.ID = A.DoctorID
               LEFT JOIN Test T ON T.DoctorID = D.ID WHERE P.ID
=@PatientID LIMIT 1);
select @testprice;
IF(@PType != 'OutPatient') THEN
SELECT b.Price,DATEDIFF(A.DischargeDateTime,A.AdmitDateTime) into
@Pri,@Days from Patient P
       left join inpatient inp on p.id = inp.PatientID
       left join admit A ON A.PatientID =P.ID
       LEFT JOIN ROOM RM  ON RM.AdmitID = A.ID
       LEFT JOIN Bed b ON b.RoomID = RM.ID
       Where P.ID = @PatientID LIMIT 1;
   SET @Inprice:=   @Pri * @Days;
END IF;
select @inprice;
select @cprice;
select @testprice;
set @testprice := (select IFNULL (@testprice,0));
set @inprice := (select IFNULL (@testprice,0));
select @testprice;
SET @AmountDue = (@inprice + @cprice + @testprice);
     INSERT INTO Payment(Amount,Mode,patient_ID) VALUES
(@AmountDue,Paymode,@PatientID);
     SET msg := CONCAT(@patientName,' paid ',@AmountDue,' Successfully');
     SELECT msg;

     select @amountDue;
     ELSE
      SET msg := 'hi';
```

```
     END IF;

  END ;;
DELIMITER ;
/*!50003 SET sql_mode              = @saved_sql_mode */ ;
/*!50003 SET character_set_client  = @saved_cs_client */ ;
/*!50003 SET character_set_results = @saved_cs_results */ ;
/*!50003 SET collation_connection  = @saved_col_connection */ ;

--
-- Final view structure for view `clinicwisepatients_view`
--

/*!50001 DROP VIEW IF EXISTS `clinicwisepatients_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `clinicwisepatients_view` AS select count(`patient`.`ID`) AS
`Number of patients`,`clinic`.`Name` AS `Clinic Name` from ((`patient`
left join `clinic` on((`patient`.`ClinicID` = `clinic`.`ID`))) left join
`cliniclocation` on((`clinic`.`ID` = `cliniclocation`.`ClinicID`))) group
by `clinic`.`ID` */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `diagnosisforpatient_view`
--

/*!50001 DROP VIEW IF EXISTS `diagnosisforpatient_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `diagnosisforpatient_view` AS select `patient`.`Name` AS
`patient name`,`doctor`.`Name` AS `doctor name`,`test`.`Name` AS `patients
test`,`diagnosis`.`Note` AS `patient diagnosis` from ((((`patient` left
join `appointment` on((`appointment`.`PatientID` = `patient`.`ID`))) left
join `doctor` on((`appointment`.`DoctorID` = `doctor`.`ID`))) left join
`test` on((`test`.`DoctorID` = `doctor`.`ID`))) left join `diagnosis`
on((`diagnosis`.`DoctorID` = `test`.`DoctorID`))) where ((`doctor`.`Name`
is not null) and (`diagnosis`.`TestID` is not null)) group by
`patient`.`Name` */;
/*!50001 SET character_set_client      = @saved_cs_client */;
```

```
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `inpatientdetails_view`
--

/*!50001 DROP VIEW IF EXISTS `inpatientdetails_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `inpatientdetails_view` AS select `inpatient`.`Name` AS
`admitted patient name`,`inpatient`.`Contact` AS `contact
number`,`admit`.`AdmitDateTime` AS `Admit
date`,ifnull(`admit`.`DischargeDateTime`,'Patient is still admitted') AS
`discharge date`,`room`.`RoomNo` AS `roomno`,`room`.`Floor` AS
`floor`,`bed`.`ID` AS `bed number` from ((((`patient` left join
`inpatient` on((`patient`.`ID` = `inpatient`.`PatientID`))) left join
`admit` on((`admit`.`PatientID` = `inpatient`.`ID`))) left join `room`
on((`room`.`AdmitID` = `admit`.`ID`))) left join `bed` on((`bed`.`RoomID`
= `room`.`ID`))) where (`inpatient`.`Name` is not null) group by
`patient`.`ID` */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `revenuebymodeofpayment_view`
--

/*!50001 DROP VIEW IF EXISTS `revenuebymodeofpayment_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `revenuebymodeofpayment_view` AS select `payment`.`Mode` AS
`mode`,sum(`payment`.`Amount`) AS `revenue by payment-mode` from
(`patient` join `payment` on((`patient`.`ID` = `payment`.`patient_ID`)))
where (`payment`.`Amount` is not null) group by `payment`.`Mode` with
rollup */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
```

```
-- Final view structure for view `revenuebypatientname_view`
--

/*!50001 DROP VIEW IF EXISTS `revenuebypatientname_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `revenuebypatientname_view` AS select `patient`.`Name` AS
`name`,sum(`payment`.`Amount`) AS `revenue by patient` from (`patient`
join `payment` on((`patient`.`ID` = `payment`.`patient_ID`))) where
(`payment`.`Amount` is not null) group by `patient`.`Name` with rollup */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `revenuebypatienttype_view`
--

/*!50001 DROP VIEW IF EXISTS `revenuebypatienttype_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `revenuebypatienttype_view` AS select `patient`.`Type` AS
`type`,sum(`payment`.`Amount`) AS `revenue by patient-type` from
(`patient` join `payment` on((`patient`.`ID` = `payment`.`patient_ID`)))
where (`payment`.`Amount` is not null) group by `patient`.`Type` with
rollup */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `upcomingappointments_view`
--

/*!50001 DROP VIEW IF EXISTS `upcomingappointments_view`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results         = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8 */;
/*!50001 SET character_set_results     = utf8 */;
/*!50001 SET collation_connection      = utf8_general_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
```

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```
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `upcomingappointments_view` AS select `appointment`.`ID` AS
`id`,`patient`.`Name` AS `Patient Name`,`doctor`.`Name` AS `Doctor
Name`,`appointment`.`Date` AS `date` from ((`appointment` left join
`patient` on((`appointment`.`PatientID` = `patient`.`ID`))) left join
`doctor` on((`appointment`.`DoctorID` = `doctor`.`ID`))) where
(`appointment`.`Date` >= now()) */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2017-12-14  6:19:33
```