

DATABASE MANAGEMENT AND DATABASE DESIGN FINAL PROJECT REPORT

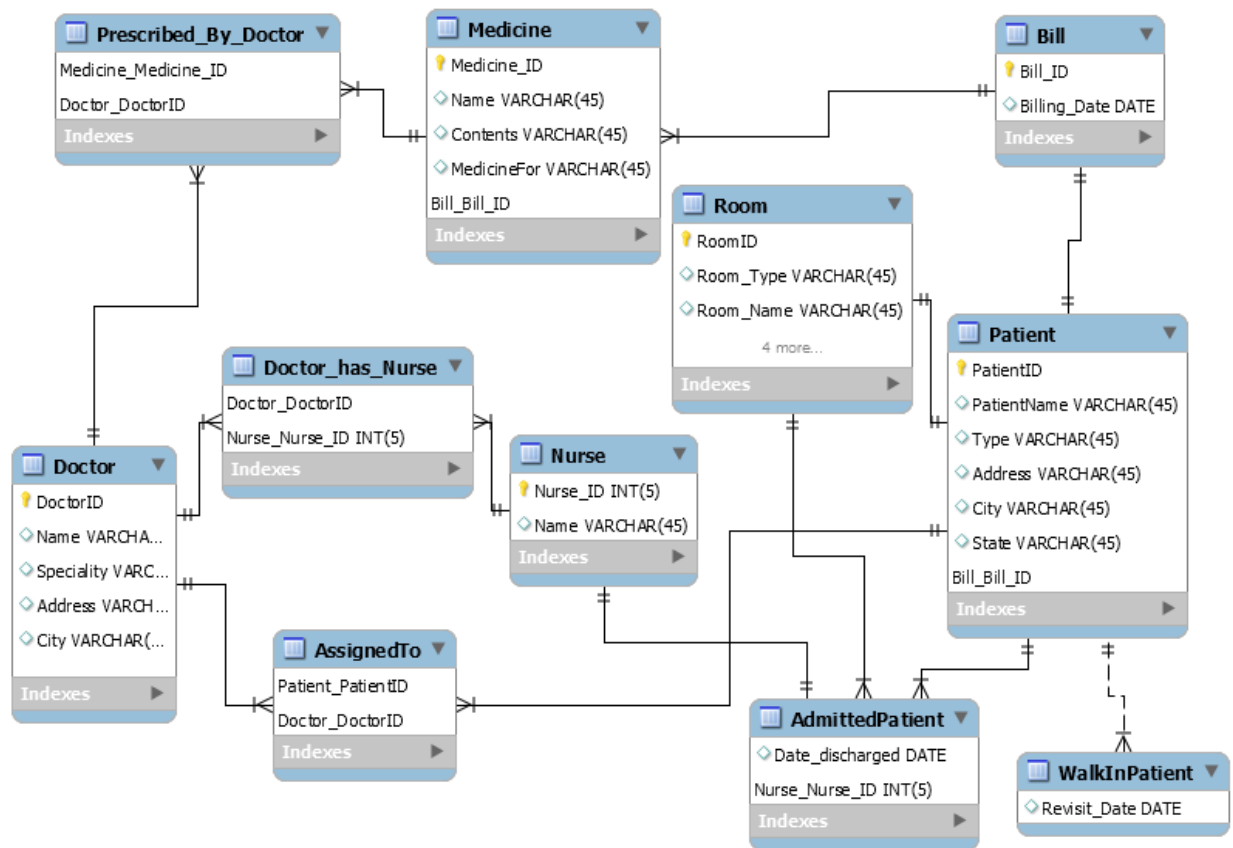
TOPIC: DATABASE FOR HOSPITAL MANAGEMENT SYSTEM

Problem Statement:

Usage of a database management system for hospitals of any scale is of utmost importance. Storing all the critical information regarding the functioning of any hospital has shown to make working conditions more swift and reliable.

This table focuses on capturing the working of a hospital with all the common entities.

The diagram attached below depicts the entity-relationship diagram prior to normalization of the tables in the database. The diagram also shows an example of the enhanced entity relationship diagram, where the Patient can be classified as AdmittedPatient or WalkInPatient.



The above database would have numerous update anomalies.

The ER diagram illustrates the following tables and their attributes:

- Doctor_has_Nurse**: Doctor_DoctorID, Nurse_Nurse_ID INT(5)
- Nurse**: Nurse_ID INT(5), Name VARCHAR(45)
- Medicine**: Medicine_ID INT(10), Name VARCHAR(45), Contents VARCHAR(45), MedicineFor VARCHAR(45)
- Medicine_Bill**: Medicine_ID INT(10), Bill_ID INT(10)
- Bill**: Bill_ID INT(10), Billing_Date DATE, Amount INT(10), Insurance VARCHAR(45)
- Pateint_Bill**: PatientID INT(10), Bill_ID INT(10)
- Room**: RoomID INT(10), Room_Type VARCHAR(45), Room_Name VARCHAR(45), Date_Admitted DATE, Occupants INT(2), Charge INT(10), Patient_PatientID
- Enrollment**: EnrollmentID INT(10), PatientID INT(10)
- Disease**: PatientID INT(10), DoctorID INT(10), Disease VARCHAR(45)
- AdmittedPatient**: Date_discharged DATE, Nurse_Nurse_ID INT(5), PatientID INT(10), DoctorID INT(10), RoomID INT(10), EnrollmentID INT(10)
- WalkInPatient**: Revisit_Date DATE, PatientID INT(10), DoctorID INT(10), EnrollmentID INT(10)
- Prescription**: PrescriptionID INT(10), Date DATE, DoctorID INT(10), PatientID INT(10)
- Patient_Doctor**: Patient_PatientID, Doctor_DoctorID
- Medicine_has_Prescription**: Medicine_ID INT(10), PrescriptionID INT(10), DoctorID INT(10), PatientID INT(10)
- Patient**: PatientID INT(10), PatientName VARCHAR(45), Type VARCHAR(45), Address VARCHAR(45), City VARCHAR(45), State VARCHAR(45)
- Doctor**: DoctorID INT(10), Name VARCHAR(45), Speciality VARCHAR(45), Address VARCHAR(45), City VARCHAR(45)

Relationships are indicated by lines connecting the tables, with crow's foot notation symbols at the ends of the lines.

Data can be included into these tables manually and by using triggers, stored procedures.

Triggers have been used in this project, mainly for logging purpose, to maintain the data integrity over the entire database.

Triggers implemented:

Following are the triggers that have been implemented in the database system.

1. Trigger that updates the *Prescription_Patient* table on an insert statement into the *Prescription* table. This trigger helps in reflecting the insert changes occurring on the *Prescription* table across the database.

The trigger has been pasted below.

```
DELIMITER //
CREATE TRIGGER prescription_patient
AFTER INSERT ON prescription
FOR EACH ROW
BEGIN
SET @pres = new.prescriptionID;
SET @patient = new.patientID;
INSERT INTO prescription_patient (prescriptionID, patientID) values (@pres, @patient);
END;
//
```

2. Trigger that updates the *Patient_Doctor* table when a record has been inserted into the *Prescription* table. This trigger forms a relationship table between the patient and the doctor assigned to that patient. The attributes of this table are 'patient_id' and 'doctor_id', they both act as foreign keys in the table.

```
DELIMITER $$
CREATE TRIGGER patientDoctor
AFTER INSERT ON prescription
FOR EACH ROW
BEGIN
SET @pid = new.patientID;
SET @did = new.doctorID;
INSERT INTO patient_doctor (patient_patientID, doctor_doctorID) values (@pid, @did);
END;
$$
```

Stored Procedures

The following stored procedures have been implemented in the project.

1. A stored procedure that will give the a patient's bill amount, given the PatientID

```
delimiter //  
create procedure checkBill4(patient_id int)  
Begin  
select p.patientname, p.patient_type, b.amount  
rom patient p  
inner join pateint_bill pb  
on p.patientid= pb.patientid  
inner join bill b  
on pb.bill_id=b.bill_id  
where p.patientid = patient_id;  
END //
```

```
call checkBill4(122);
```

OUTPUT:

The output of this stored procedure will show the Patient whose ID is 122, the type of patient – admitted or walkin, and the bill amount.

2. Stored procedure to find the medicines prescribed to a certain patient, given the Patient's name.

```
delimiter //  
create procedure MedicinesPrescribed(pname varchar(45))  
begin  
select m.medicine_id, m.medicine_name, p2.patientname  
from medicine m  
inner join medicine_has_prescription mhp  
on m.medicine_id=mhp.medicine_id  
inner join prescription p1  
on p1.patientid = mhp.patientid  
inner join patient p2  
on p1.patientid=p2.patientid  
where p2.PatientName = pname;  
end  
//
```

```
call MedicinesPrescribed('Monisha');
```

Views

The following views have been created in the database.

1. A view that shows the room and doctor assigned to a patient.

```
Create view patient_room_doctor as
select ap.roomID, ap.patientid, p.patientname, d.doctor_name
from AdmittedPatient ap
inner join patient p
on ap.patientid=p.patientid
inner join patient_doctor pd
on p.patientid=pd.patient_patientid
inner join doctor d
on pd.doctor_doctorid=d.doctorid
group by d.doctor_name;
```

```
select * from patient_room_doctor;
```

OUTPUT:

roomID	patientid	patientname	doctor_name
103	123	Monisha	Amy
106	126	Anay	Vrushali

2. A view that shows each patient and the name of the doctor assigned to each patient.

```
create view doctor_patient as
select p.patientid `Patient ID`, patientname `Patient Name`, d.doctor_name `Doctor Name`
from doctor d
inner join patient_doctor pd
on d.doctorid = pd.doctor_doctorid
inner join patient p
on pd.patient_patientid=p.patientid
group by p.patientid;
```

```
select * from doctor_patient;
```

OUTPUT:

Patient ID	Patient Name	Doctor Name
121	Varada	Roy
122	Srishti	Ken
123	Monisha	Amy
124	Janhavi	Vinay
125	Sanjay	Varsha
126	Anay	Vrushali

127	Manoj	Vishal
128	Ajay	Vishal
129	Ashwini	Roy

3. A view to see the medicines prescribed to each patient.

```
create view medicine_patient as
select m.medicine_id `Medicine ID`, m.medicine_name `Medicine Name` , p2.patientname
`Patient Name`
from medicine m
inner join medicine_has_prescription mhp
on m.medicine_id=mhp.medicine_id
inner join prescription p1
on p1.patientid = mhp.patientid
inner join patient p2
on p1.patientid=p2.patientid
group by p2.PatientName;
```

OUTPUT:

Medicine ID	Medicine Name	Patient Name
201	Nise	Srishti
202	Azithral	Anay
203	Dompan	Janhavi
201	Nise	Monisha
202	Azithral	Ajay

Joins

The following joins have been created in the database

1. A join to show the Bill ID, Patient Name, Medicine Name and the Bill amount

```
select b.bill_id `Bill ID`, p.patientname `Name of Patient` , m.medicine_name `Medicine Name`
, b.amount `Charges`
from bill b
inner join pateint_bill pb
on b.bill_id = pb.bill_id
inner join patient p
on pb.patientid=p.patientid
inner join patient_doctor pd
on p.patientid = pd.patient_patientid
inner join prescription p1
on pd.patient_patientid = p1.patientid
inner join medicine_has_prescription mhp
on p1.patientid = mhp.patientid
inner join medicine m
```

```
on mhp.medicine_id = m.medicine_id
group by m.medicine_name;
```

OUTPUT:

Bill ID	Name of Patient	Medicine Name	Charges
112	Srishti	Nise	300
116	Anay	Azithral	1000
114	Janhavi	Dompan	120

2. A join that shows the patient, his disease, the doctor that he is treated by and the patient ID

```
select p.patientid `Patient ID`, p.patientname `Patient Name`, doc.doctor_name `Doctor Name`,
m.medicine_name `Medicine Name`
from patient p
inner join disease d
on p.patientid=d.patientid
inner join doctor doc
on d.doctorid = doc.doctorid
inner join patient_doctor pd
on doc.doctorid = pd.doctor_id
inner join prescription pres
on pres.patientid=pd.patient_id
inner join medicine_has_prescription mhp
on mhp.prescriptionid = pres.prescriptionid
inner join medicine m
on m.medicine_id=mhp.medicine_id;
```

OUTPUT:

Patient ID	Patient Name	Doctor Name	Medicine Name
123	Monisha	Ken	Nise
124	Janhavi	Amy	Nise

DATA DUMP

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `admittedpatient`
--

DROP TABLE IF EXISTS `admittedpatient`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `admittedpatient` (
  `Date_discharged` date DEFAULT NULL,
  `Nurse_Nurse_ID` int(5) DEFAULT NULL,
  `PatientID` int(10) NOT NULL,
  `DoctorID` int(10) DEFAULT NULL,
  `RoomID` int(10) DEFAULT NULL,
  `EnrollmentID` int(10) NOT NULL,
  PRIMARY KEY (`PatientID`,`EnrollmentID`),
  KEY `PatientID_idx` (`PatientID`),
  KEY `DoctorID_idx` (`DoctorID`),
  KEY `RoomID_idx` (`RoomID`),
  KEY `EnrollmentID_idx` (`EnrollmentID`),
  KEY `fk_AdmittedPatient_Nurse1` (`Nurse_Nurse_ID`),
  CONSTRAINT `DoctorID(fk)` FOREIGN KEY (`DoctorID`) REFERENCES `doctor` (`DoctorID`),
  CONSTRAINT `EnrollmentID(fk)` FOREIGN KEY (`EnrollmentID`) REFERENCES `enrollment`
(`enrollmentID`),
  CONSTRAINT `PatientID(FK)` FOREIGN KEY (`PatientID`) REFERENCES `patient` (`PatientID`),
  CONSTRAINT `RoomID(fk)` FOREIGN KEY (`RoomID`) REFERENCES `room` (`roomid`),
```



```
    CONSTRAINT `fk_AdmittedPatient_Nurse1` FOREIGN KEY (`Nurse_Nurse_ID`) REFERENCES `nurse`  
    (`nurse_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `admittedpatient`  
--
```

```
LOCK TABLES `admittedpatient` WRITE;  
/*!40000 ALTER TABLE `admittedpatient` DISABLE KEYS */;  
INSERT INTO `admittedpatient` VALUES ('2018-11-06',132,123,3,103,3),('2018-11-05',135,126,5,106,6);  
/*!40000 ALTER TABLE `admittedpatient` ENABLE KEYS */;  
UNLOCK TABLES;  
/*!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 2018-12-13 6:40:36
```

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET  
utf8 */;
```

```
USE `hospitalmanagementsystemfinal`;  
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
```

```
--  
-- Host: localhost Database: hospitalmanagementsystemfinal
```

```
-- -----  
-- Server version      8.0.12
```

```
/*!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 */;  
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 `bill`
```

```

--

DROP TABLE IF EXISTS `bill`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `bill` (
  `Bill_ID` int(10) NOT NULL,
  `Billing_Date` date DEFAULT NULL,
  `Amount` int(10) DEFAULT NULL,
  PRIMARY KEY (`Bill_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `bill`
--

LOCK TABLES `bill` WRITE;
/*!40000 ALTER TABLE `bill` DISABLE KEYS */;
INSERT INTO `bill` VALUES (111,'2018-11-02',200),(112,'2018-12-02',300),(113,'2018-11-03',130),(114,'2018-11-15',120),(115,'2018-09-12',100),(116,'2018-10-10',1000),(117,'2018-09-01',40),(118,'2018-12-10',90);
/*!40000 ALTER TABLE `bill` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:40

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `disease`
--

```

```

DROP TABLE IF EXISTS `disease`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `disease` (
  `PatientID` int(10) NOT NULL,
  `DoctorID` int(10) NOT NULL,
  `Disease` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`PatientID`,`DoctorID`),
  KEY `DoctorID_idx` (`DoctorID`),
  CONSTRAINT `DoctorID_fk` FOREIGN KEY (`DoctorID`) REFERENCES `doctor` (`DoctorID`),
  CONSTRAINT `PatientID_fk` FOREIGN KEY (`PatientID`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `disease`
--

```

```

LOCK TABLES `disease` WRITE;
/*!40000 ALTER TABLE `disease` DISABLE KEYS */;
INSERT INTO `disease` VALUES (121,1,'Cold'),(122,1,'Fever'),(123,2,'Acidity'),(124,3,'Diarrhea');
/*!40000 ALTER TABLE `disease` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:40

```

```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `doctor`
--

DROP TABLE IF EXISTS `doctor`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `doctor` (
  `DoctorID` int(10) NOT NULL,
  `doctor_name` varchar(45) DEFAULT NULL,
  `Speciality` varchar(45) DEFAULT NULL,
  `Address` varchar(45) DEFAULT NULL,
  `City` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`DoctorID`)
) ENGINE=InnoDB 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,'Roy','Physician','Boylston Street','Boston'),(2,'Ken','Lung
Specialist','Boylston Street','Bsotom'),(3,'Amy','Cardiologist','Beacon
Street','Boston'),(4,'Vinay','Oncologist','Richmond Ave','New
York'),(5,'Varsha','Opthamologist','Richmond Ave','New York'),(6,'Vrushali','Urologist','Newark Ave ','New
Jersey'),(7,'Vishal','Dermatologist','Roxbury','Boston'),(8,'Shreya','Pediatrician','Mission Hill','Boston');

```

```
/*!40000 ALTER TABLE `doctor` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:39

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
```

```
USE `hospitalmanagementsystemfinal`;
```

```
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
```

```
--
```

```
-- Host: localhost Database: hospitalmanagementsystemfinal
```

```
-----
```

```
-- Server version 8.0.12
```

```
/*!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 */;
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 `doctor_has_nurse`
```

```
--
```

```
DROP TABLE IF EXISTS `doctor_has_nurse`;
```

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

```
SET character_set_client = utf8mb4 ;
```

```
CREATE TABLE `doctor_has_nurse` (
```

```
`Doctor_DoctorID` int(10) NOT NULL,
```

```
`Nurse_Nurse_ID` int(5) NOT NULL,
```

```
PRIMARY KEY (`Doctor_DoctorID`,`Nurse_Nurse_ID`),
```

```
KEY `fk_Doctor_has_Nurse_Nurse1_idx` (`Nurse_Nurse_ID`) /*!80000 INVISIBLE */,
```

```
KEY `fk_Doctor_has_Nurse_Doctor1_idx` (`Doctor_DoctorID`),
```

```

    CONSTRAINT `fk_Doctor_has_Nurse_Doctor1` FOREIGN KEY (`Doctor_DoctorID`) REFERENCES `doctor`
(`DoctorID`),
    CONSTRAINT `fk_Doctor_has_Nurse_Nurse1` FOREIGN KEY (`Nurse_Nurse_ID`) REFERENCES `nurse`
(`nurse_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `doctor_has_nurse`
--

LOCK TABLES `doctor_has_nurse` WRITE;
/*!40000 ALTER TABLE `doctor_has_nurse` DISABLE KEYS */;
INSERT INTO `doctor_has_nurse` VALUES (1,131),(2,131),(3,132),(4,134),(5,135),(6,133);
/*!40000 ALTER TABLE `doctor_has_nurse` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:37

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `enrollment`
--

DROP TABLE IF EXISTS `enrollment`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `enrollment` (
  `enrollmentID` int(10) NOT NULL AUTO_INCREMENT,
  `PatientID(10)` int(10) DEFAULT NULL,
  PRIMARY KEY (`enrollmentID`),
  KEY `PateintID_idx` (`PatientID(10)`),
  CONSTRAINT `PateintIDfk` FOREIGN KEY (`PatientID(10)`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `enrollment`
--

LOCK TABLES `enrollment` WRITE;
/*!40000 ALTER TABLE `enrollment` DISABLE KEYS */;
INSERT INTO `enrollment` VALUES (1,121),(2,122),(3,123),(4,124),(5,125),(6,126);
/*!40000 ALTER TABLE `enrollment` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:39

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
-- -----
-- Server version 8.0.12

/*!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 */;
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 `medicine`
--

DROP TABLE IF EXISTS `medicine`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `medicine` (
  `Medicine_ID` int(10) NOT NULL,
  `medicine_name` varchar(45) DEFAULT NULL,
  `Contents` varchar(45) DEFAULT NULL,
  `MedicineFor` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`Medicine_ID`)
) ENGINE=InnoDB 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 (201,'Nise','Paracetamol','Cold'),(202,'Azithral','Azithromycin','Diarrhea'),(203,'Dompan','Domperodine','Acidity'),(204,'Dynapar','Paracetamol','Fever');
/*!40000 ALTER TABLE `medicine` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:41

```



```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `medicine_bill`
--

DROP TABLE IF EXISTS `medicine_bill`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `medicine_bill` (
  `Medicine_ID` int(10) DEFAULT NULL,
  `Bill_ID` int(10) DEFAULT NULL,
  KEY `Medicine_ID_idx` (`Medicine_ID`),
  KEY `Bill_ID_idx` (`Bill_ID`),
  CONSTRAINT `Bill_ID_fk` FOREIGN KEY (`Bill_ID`) REFERENCES `bill` (`bill_id`),
  CONSTRAINT `Medicine_IDfk` FOREIGN KEY (`Medicine_ID`) REFERENCES `medicine` (`Medicine_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `medicine_bill`
--

LOCK TABLES `medicine_bill` WRITE;
/*!40000 ALTER TABLE `medicine_bill` DISABLE KEYS */;
INSERT INTO `medicine_bill` VALUES
(201,111),(202,112),(203,112),(203,113),(204,113),(202,115),(201,116),(202,116);
/*!40000 ALTER TABLE `medicine_bill` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:35

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `medicine_has_prescription`
--

DROP TABLE IF EXISTS `medicine_has_prescription`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `medicine_has_prescription` (
  `Medicine_ID` int(10) NOT NULL,
  `PrescriptionID` int(10) NOT NULL,
  `DoctorID` int(10) DEFAULT NULL,
  `PatientID` int(10) DEFAULT NULL,
  PRIMARY KEY (`Medicine_ID`,`PrescriptionID`),
  KEY `fk_Medicine_has_Prescription_Prescription1_idx` (`PrescriptionID`,`DoctorID`,`PatientID`),
  KEY `fk_Medicine_has_Prescription_Medicine1_idx` (`Medicine_ID`),
  CONSTRAINT `fk_Medicine_has_Prescription_Medicine1` FOREIGN KEY (`Medicine_ID`) REFERENCES
`medicine` (`Medicine_ID`),

```

```

    CONSTRAINT `fk_Medicine_has_Prescription_Prescription1` FOREIGN KEY (`PrescriptionID`, `DoctorID`,
`PatientID`) REFERENCES `prescription` (`prescriptionid`, `doctorid`, `patientid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `medicine_has_prescription`
--

```

```

LOCK TABLES `medicine_has_prescription` WRITE;
/*!40000 ALTER TABLE `medicine_has_prescription` DISABLE KEYS */;
INSERT INTO `medicine_has_prescription` VALUES
(201,500,1,122),(202,501,5,126),(203,502,4,124),(201,504,3,123),(202,505,7,128);
/*!40000 ALTER TABLE `medicine_has_prescription` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:37

```

```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

```

```

/*!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 */;
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 `nurse`  
--
```

```
DROP TABLE IF EXISTS `nurse`;  
/*!40101 SET @saved_cs_client = @@character_set_client */;  
SET character_set_client = utf8mb4 ;  
CREATE TABLE `nurse` (  
  `Nurse_ID` int(5) NOT NULL,  
  `Name` varchar(45) DEFAULT NULL,  
  PRIMARY KEY (`Nurse_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `nurse`  
--
```

```
LOCK TABLES `nurse` WRITE;  
/*!40000 ALTER TABLE `nurse` DISABLE KEYS */;  
INSERT INTO `nurse` VALUES (131,'Sheela'),(132,'Shweta'),(133,'Ajay'),(134,'Raman'),(135,'Vishay');  
/*!40000 ALTER TABLE `nurse` ENABLE KEYS */;  
UNLOCK TABLES;  
/*!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 2018-12-13 6:40:41
```

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET  
utf8 */;
```

```
USE `hospitalmanagementsystemfinal`;  
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
```

```
--  
-- Host: localhost Database: hospitalmanagementsystemfinal
```

```
-----  
-- Server version 8.0.12
```

```
/*!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 */;  
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 `pateint_bill`
--

```

```

DROP TABLE IF EXISTS `pateint_bill`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `pateint_bill` (
  `PatientID` int(10) DEFAULT NULL,
  `Bill_ID` int(10) DEFAULT NULL,
  KEY `PateintID_idx` (`PatientID`),
  KEY `Bill_ID_idx` (`Bill_ID`),
  CONSTRAINT `fk_Bill_ID` FOREIGN KEY (`Bill_ID`) REFERENCES `bill` (`bill_id`),
  CONSTRAINT `fk_PateintID` FOREIGN KEY (`PatientID`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `pateint_bill`
--

```

```

LOCK TABLES `pateint_bill` WRITE;
/*!40000 ALTER TABLE `pateint_bill` DISABLE KEYS */;
INSERT INTO `pateint_bill` VALUES
(121,111),(123,113),(122,112),(124,114),(125,115),(126,116),(127,117),(128,118);
/*!40000 ALTER TABLE `pateint_bill` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:38

```

```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;

```

```

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
-----
-- Server version      8.0.12

/*!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 */;
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 `patient`
--

DROP TABLE IF EXISTS `patient`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `patient` (
  `PatientID` int(10) NOT NULL,
  `PatientName` varchar(45) DEFAULT NULL,
  `patient_type` varchar(45) DEFAULT NULL,
  `Address` varchar(45) DEFAULT NULL,
  `City` varchar(45) DEFAULT NULL,
  `State` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`PatientID`),
  UNIQUE KEY `PatientID_UNIQUE` (`PatientID`)
) ENGINE=InnoDB 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 (121,'Varada','Admitted','Boylston
Street','Boston','Mass'),(122,'Srishti','Walkin','Boylston
Street','Boston','Mass'),(123,'Monisha','Admitted','Boylston
Street','Boston','Mass'),(124,'Janhavi','Walkin','Beacon
Hill','Boston','Mass'),(125,'Sanjay','Walkin','Mission
Hill','Boston','Mass'),(126,'Anay','Admitted','Commonwealth

```

```
Ave','Hartford','Connecticut'),(127,'Manoj','Admitted','New
Street','Hartford','Connecticut'),(128,'Ajay','Walkin','Common
Ave','Hartford','Connecticut'),(129,'Ashwini','Admitted','Bayridge','New York City','New York');
/*!40000 ALTER TABLE `patient` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:35
```

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
```

```
USE `hospitalmanagementsystemfinal`;
```

```
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
```

```
--
```

```
-- Host: localhost Database: hospitalmanagementsystemfinal
```

```
-----
```

```
-- Server version 8.0.12
```

```
/*!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 */;
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 `patient_doctor`
```

```
--
```

```
DROP TABLE IF EXISTS `patient_doctor`;
```

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

```
SET character_set_client = utf8mb4 ;
```

```
CREATE TABLE `patient_doctor` (
```

```
`Patient_PatientID` int(10) NOT NULL,
```

```
`Doctor_DoctorID` int(10) NOT NULL,
```

```
PRIMARY KEY (`Patient_PatientID`,`Doctor_DoctorID`),
```

```

KEY `fk_Patient_has_Doctor_Doctor1_idx` (`Doctor_DoctorID`),
KEY `fk_Patient_has_Doctor_Patient1_idx` (`Patient_PatientID`),
CONSTRAINT `fk_Patient_has_Doctor_Doctor1` FOREIGN KEY (`Doctor_DoctorID`) REFERENCES `doctor`
(`DoctorID`),
CONSTRAINT `fk_Patient_has_Doctor_Patient1` FOREIGN KEY (`Patient_PatientID`) REFERENCES
`patient` (`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `patient_doctor`
--

```

```

LOCK TABLES `patient_doctor` WRITE;
/*!40000 ALTER TABLE `patient_doctor` DISABLE KEYS */;
INSERT INTO `patient_doctor` VALUES
(121,1),(129,1),(122,2),(123,3),(124,4),(125,5),(126,6),(127,7),(128,7),(128,8);
/*!40000 ALTER TABLE `patient_doctor` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:41

```

```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

```

```

/*!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 */;
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 `prescription`
--
```

```
DROP TABLE IF EXISTS `prescription`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `prescription` (
  `PrescriptionID` int(10) NOT NULL,
  `Date` date DEFAULT NULL,
  `DoctorID` int(10) NOT NULL,
  `PatientID` int(10) NOT NULL,
  PRIMARY KEY (`PrescriptionID`,`DoctorID`,`PatientID`),
  KEY `fk_Prescription_Doctor1_idx` (`DoctorID`),
  KEY `fk_Prescription_Patient1_idx` (`PatientID`),
  CONSTRAINT `fk_Prescription_Doctor1` FOREIGN KEY (`DoctorID`) REFERENCES `doctor` (`DoctorID`),
  CONSTRAINT `fk_Prescription_Patient1` FOREIGN KEY (`PatientID`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--
-- Dumping data for table `prescription`
--
```

```
LOCK TABLES `prescription` WRITE;
/*!40000 ALTER TABLE `prescription` DISABLE KEYS */;
INSERT INTO `prescription` VALUES (500,'2018-10-10',1,122),(501,'2018-10-10',5,126),(502,'2018-10-10',4,124),(503,'2018-10-10',2,125),(504,'2018-10-11',3,123),(505,'2018-11-10',7,128);
/*!40000 ALTER TABLE `prescription` 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 = utf8mb4 */;
/*!50003 SET character_set_results = utf8mb4 */;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50003 SET @saved_sql_mode = @@sql_mode */;
/*!50003 SET sql_mode = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */;
DELIMITER ;;
/*!50003 CREATE*/ /*!50017 DEFINER=`root`@`localhost`*/ /*!50003 TRIGGER `prescription_patient`
AFTER INSERT ON `prescription` FOR EACH ROW BEGIN
SET @pres = new.prescriptionID;
SET @patient = new.patientID;
INSERT INTO prescription_patient (prescriptionID, patientID) values (@pres, @patient);
```

```

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 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 = utf8mb4 */;
/*!50003 SET character_set_results = utf8mb4 */;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50003 SET @saved_sql_mode     = @@sql_mode */;
/*!50003 SET sql_mode            = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */;
DELIMITER ;;
/*!50003 CREATE*/ /*!50017 DEFINER=`root`@`localhost`*/ /*!50003 TRIGGER `patientDoctor` AFTER
INSERT ON `prescription` FOR EACH ROW BEGIN
SET @pid = new.patientID;
SET @did = new.doctorID;
INSERT INTO patient_doctor (patient_patientID, doctor_doctorID) values (@pid, @did);
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 */;
/*!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 2018-12-13 6:40:38

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
-- -----
-- Server version      8.0.12

/*!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 */;
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 `prescription_patient`
--

DROP TABLE IF EXISTS `prescription_patient`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `prescription_patient` (
  `prescriptionID` int(10) DEFAULT NULL,
  `patientID` int(10) DEFAULT NULL,
  KEY `prescriptionID` (`prescriptionID`),
  KEY `patientID` (`patientID`),
  CONSTRAINT `prescription_patient_ibfk_1` FOREIGN KEY (`prescriptionID`) REFERENCES `prescription`
(`prescriptionid`),
  CONSTRAINT `prescription_patient_ibfk_2` FOREIGN KEY (`patientID`) REFERENCES `patient`
(`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `prescription_patient`
--

LOCK TABLES `prescription_patient` WRITE;
/*!40000 ALTER TABLE `prescription_patient` DISABLE KEYS */;
INSERT INTO `prescription_patient` VALUES (504,123),(502,124),(503,125),(501,126),(505,128);
/*!40000 ALTER TABLE `prescription_patient` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 6:40:36

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `room`
--

DROP TABLE IF EXISTS `room`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `room` (
  `RoomID` int(10) NOT NULL,
  `Date_Admitted` date DEFAULT NULL,
  `Patient_PatientID` int(10) NOT NULL,
  PRIMARY KEY (`RoomID`,`Patient_PatientID`),
  KEY `fk_Room_Patient1_idx` (`Patient_PatientID`),
  CONSTRAINT `fk_Room_Patient1` FOREIGN KEY (`Patient_PatientID`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB 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 (101,'2018-11-01',121),(102,'2018-11-02',122),(103,'2018-11-
03',123),(104,'2018-11-04',124),(106,'2018-11-05',126);
```

```
/*!40000 ALTER TABLE `room` ENABLE KEYS */;  
UNLOCK TABLES;  
/*!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 2018-12-13 6:40:38

```
CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET  
utf8 */;
```

```
USE `hospitalmanagementsystemfinal`;
```

```
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
```

```
--
```

```
-- Host: localhost Database: hospitalmanagementsystemfinal
```

```
-- -----
```

```
-- Server version 8.0.12
```

```
/*!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 */;  
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 */;
```

```
--
```

```
-- Temporary view structure for view `patient_room_doctor`
```

```
--
```

```
DROP TABLE IF EXISTS `patient_room_doctor`;  
/*!50001 DROP VIEW IF EXISTS `patient_room_doctor` */;  
SET @saved_cs_client = @@character_set_client;  
SET character_set_client = utf8mb4;  
/*!50001 CREATE VIEW `patient_room_doctor` AS SELECT  
1 AS `roomID`,  
1 AS `patientid`,  
1 AS `patientname`,  
1 AS `doctor_name` */;  
SET character_set_client = @saved_cs_client;
```

```
--  
-- Temporary view structure for view `medicine_patient`  
--
```

```
DROP TABLE IF EXISTS `medicine_patient`;  
/*!50001 DROP VIEW IF EXISTS `medicine_patient`*/;  
SET @saved_cs_client = @@character_set_client;  
SET character_set_client = utf8mb4;  
/*!50001 CREATE VIEW `medicine_patient` AS SELECT  
  1 AS `Medicine ID`,  
  1 AS `Medicine Name`,  
  1 AS `Patient Name`*/;  
SET character_set_client = @saved_cs_client;
```

```
--  
-- Temporary view structure for view `doctor_patient`  
--
```

```
DROP TABLE IF EXISTS `doctor_patient`;  
/*!50001 DROP VIEW IF EXISTS `doctor_patient`*/;  
SET @saved_cs_client = @@character_set_client;  
SET character_set_client = utf8mb4;  
/*!50001 CREATE VIEW `doctor_patient` AS SELECT  
  1 AS `Patient ID`,  
  1 AS `Patient Name`,  
  1 AS `Doctor Name`*/;  
SET character_set_client = @saved_cs_client;
```

```
--  
-- Final view structure for view `patient_room_doctor`  
--
```

```
/*!50001 DROP VIEW IF EXISTS `patient_room_doctor`*/;  
/*!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 = utf8mb4 */;  
/*!50001 SET character_set_results = utf8mb4 */;  
/*!50001 SET collation_connection = utf8mb4_0900_ai_ci */;  
/*!50001 CREATE ALGORITHM=UNDEFINED */  
/*!50013 DEFINER='root'@'localhost' SQL SECURITY DEFINER */  
/*!50001 VIEW `patient_room_doctor` AS select `ap`.`RoomID` AS `roomID`,`ap`.`PatientID` AS  
`patientid`,`p`.`PatientName` AS `patientname`,`d`.`doctor_name` AS `doctor_name` from  
(((`admittedpatient` `ap` join `patient` `p` on((`ap`.`PatientID` = `p`.`PatientID`))) join `patient_doctor` `pd`  
on((`p`.`PatientID` = `pd`.`Patient_PatientID`))) join `doctor` `d` on((`pd`.`Doctor_DoctorID` =  
`d`.`DoctorID`))) group by `d`.`doctor_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 `medicine_patient`
--

/*!50001 DROP VIEW IF EXISTS `medicine_patient`*/;
/*!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 = utf8mb4 */;
/*!50001 SET character_set_results = utf8mb4 */;
/*!50001 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER='root'@'localhost' SQL SECURITY DEFINER */
/*!50001 VIEW `medicine_patient` AS select `m`.`Medicine_ID` AS `Medicine ID`,`m`.`medicine_name` AS
`Medicine Name`,`p2`.`PatientName` AS `Patient Name` from (((`medicine` `m` join
`medicine_has_prescription` `mhp` on((`m`.`Medicine_ID` = `mhp`.`Medicine_ID`))) join `prescription`
`p1` on((`p1`.`PatientID` = `mhp`.`PatientID`))) join `patient` `p2` on((`p1`.`PatientID` = `p2`.`PatientID`)))
group by `p2`.`PatientName` */;
/*!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 `doctor_patient`
--

/*!50001 DROP VIEW IF EXISTS `doctor_patient`*/;
/*!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 = utf8mb4 */;
/*!50001 SET character_set_results = utf8mb4 */;
/*!50001 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER='root'@'localhost' SQL SECURITY DEFINER */
/*!50001 VIEW `doctor_patient` AS select `p`.`PatientID` AS `Patient ID`,`p`.`PatientName` AS `Patient
Name`,`d`.`doctor_name` AS `Doctor Name` from ((`doctor` `d` join `patient_doctor` `pd`
on((`d`.`DoctorID` = `pd`.`Doctor_DoctorID`))) join `patient` `p` on((`pd`.`Patient_PatientID` =
`p`.`PatientID`))) group by `p`.`PatientID` */;
/*!50001 SET character_set_client = @saved_cs_client */;
/*!50001 SET character_set_results = @saved_cs_results */;
/*!50001 SET collation_connection = @saved_col_connection */;

--
-- Dumping events for database 'hospitalmanagementsystemfinal'

```

```

--

--
-- Dumping routines for database 'hospitalmanagementsystemfinal'
--
/*!50003 DROP PROCEDURE IF EXISTS `checkBill` */;
/*!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 = utf8mb4 */;
/*!50003 SET character_set_results = utf8mb4 */;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50003 SET @saved_sql_mode = @@sql_mode */;
/*!50003 SET sql_mode = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `checkBill`(patient_id int)
Begin
    select patient.patientname, patient.patient_type, bill.amount
    from patient
    inner join pateint_bill
    on patient.patientid= pateint_bill.patientid
    inner join bill
    on pateint_bill.bill_id=bill.bill_id
    where patientid = @patient_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 */;
/*!50003 DROP PROCEDURE IF EXISTS `checkBill1` */;
/*!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 = utf8mb4 */;
/*!50003 SET character_set_results = utf8mb4 */;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */;
/*!50003 SET @saved_sql_mode = @@sql_mode */;
/*!50003 SET sql_mode = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `checkBill1`(patient_id int)
Begin
    select p.patientname, p.patient_type, b.amount
    from patient p
    inner join pateint_bill pb
    on p.patientid= pb.patientid
    inner join bill b
    on pb.bill_id=b.bill_id

```



```

where p.patientid = @patient_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 */ ;
/*!50003 DROP PROCEDURE IF EXISTS `checkBill3` */;
/*!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 = utf8mb4 */ ;
/*!50003 SET character_set_results = utf8mb4 */ ;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */ ;
/*!50003 SET @saved_sql_mode     = @@sql_mode */ ;
/*!50003 SET sql_mode            = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `checkBill3`(patient_id int)
Begin
    select p.patientname, p.patient_type, b.amount
    from patient p
    inner join pateint_bill pb
    on p.patientid= pb.patientid
    inner join bill b
    on pb.bill_id=b.bill_id
    where p.patientid = @patient_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 */ ;
/*!50003 DROP PROCEDURE IF EXISTS `checkBill4` */;
/*!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 = utf8mb4 */ ;
/*!50003 SET character_set_results = utf8mb4 */ ;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */ ;
/*!50003 SET @saved_sql_mode     = @@sql_mode */ ;
/*!50003 SET sql_mode            = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `checkBill4`(patient_id int)
Begin
    select p.patientname, p.patient_type, b.amount
    from patient p
    inner join pateint_bill pb
    on p.patientid= pb.patientid

```

```

inner join bill b
on pb.bill_id=b.bill_id
where p.patientid = patient_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 */ ;
/*!50003 DROP PROCEDURE IF EXISTS `MedicinesPrescribed` */;
/*!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 = utf8mb4 */ ;
/*!50003 SET character_set_results = utf8mb4 */ ;
/*!50003 SET collation_connection = utf8mb4_0900_ai_ci */ ;
/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;
/*!50003 SET sql_mode              = 'STRICT_TRANS_TABLES,NO_ENGINE_SUBSTITUTION' */ ;
DELIMITER ;;
CREATE DEFINER=`root`@`localhost` PROCEDURE `MedicinesPrescribed`(pname varchar(45))
begin
select m.medicine_id, m.medicine_name, p2.patientname
from medicine m
inner join medicine_has_prescription mhp
on m.medicine_id=mhp.medicine_id
inner join prescription p1
on p1.patientid = mhp.patientid
inner join patient p2
on p1.patientid=p2.patientid
where p2.PatientName = pname;
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 */ ;
/*!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 2018-12-13 6:40:42

```

CREATE DATABASE IF NOT EXISTS `hospitalmanagementsystemfinal` /*!40100 DEFAULT CHARACTER SET
utf8 */;
USE `hospitalmanagementsystemfinal`;
-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost Database: hospitalmanagementsystemfinal
--
-- Server version 8.0.12

/*!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 */;
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 `walkinpatient`
--

DROP TABLE IF EXISTS `walkinpatient`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `walkinpatient` (
  `Revisit_Date` date DEFAULT NULL,
  `PatientID` int(10) NOT NULL,
  `DoctorID` int(10) DEFAULT NULL,
  `EnrollmentID` int(10) NOT NULL,
  PRIMARY KEY (`PatientID`,`EnrollmentID`),
  KEY `PatientID_idx` (`PatientID`),
  KEY `DoctorID_idx` (`DoctorID`),
  KEY `EnrollmentID_idx` (`EnrollmentID`),
  CONSTRAINT `DoctorIDfk` FOREIGN KEY (`DoctorID`) REFERENCES `doctor` (`DoctorID`),
  CONSTRAINT `EnrollmentIDfk` FOREIGN KEY (`EnrollmentID`) REFERENCES `enrollment` (`enrollmentID`),
  CONSTRAINT `PatientIDfk` FOREIGN KEY (`PatientID`) REFERENCES `patient` (`PatientID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `walkinpatient`
--

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

```

```
INSERT INTO `walkinpatient` VALUES ('2018-11-06',122,1,1),('2018-11-07',124,4,4),('2018-12-01',125,2,5);
```

```
/*!40000 ALTER TABLE `walkinpatient` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
/*!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 2018-12-13 6:40:37
```