GO

USE Clinic\_Managment

GO

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_doctor\_name\_lookup')

alter table Clinic\_Managment\_Doctor drop CONSTRAINT fk\_clinic\_doctor\_name\_lookup

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_patient\_doctor\_id')

alter table Clinic\_Managment\_Patient drop CONSTRAINT fk\_clinic\_patient\_doctor\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_appointment\_concernedDocName')

alter table Clinic\_Managment\_Appointment drop CONSTRAINT fk\_clinic\_appointment\_concernedDocName

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_appointment\_patient\_id')

alter table Clinic\_Managment\_Appointment drop CONSTRAINT fk\_clinic\_appointment\_patient\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_laboratory\_TestPerformedBy')

alter table Clinic\_Managment\_Laboratory drop CONSTRAINT fk\_clinic\_laboratory\_TestPerformedBy

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_laboratory\_doctor\_id')

alter table Clinic\_Managment\_Laboratory drop CONSTRAINT fk\_clinic\_laboratory\_doctor\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_laboratory\_patient\_id')

alter table Clinic\_Managment\_Laboratory drop CONSTRAINT fk\_clinic\_laboratory\_patient\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_report\_lookup')

alter table Clinic\_Managment\_Laboratory drop CONSTRAINT fk\_clinic\_report\_lookup

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_prescription\_patient\_id')

alter table Clinic\_Managment\_Prescription drop CONSTRAINT fk\_clinic\_prescription\_patient\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_prescription\_medicine\_id')

alter table Clinic\_Managment\_Prescription drop CONSTRAINT fk\_clinic\_prescription\_medicine\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_prescription\_doctor\_id')

alter table Clinic\_Managment\_Prescription drop CONSTRAINT fk\_clinic\_prescription\_doctor\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_insurance\_patient\_id')

alter table Clinic\_Managment\_Insurance drop CONSTRAINT fk\_clinic\_insurance\_patient\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_clinic\_insurance\_lookup')

alter table Clinic\_Managment\_Insurance drop CONSTRAINT fk\_clinic\_insurance\_lookup

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_laboratory\_staff')

alter table Clinic\_Managment\_Staff drop CONSTRAINT fk\_laboratory\_staff

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_Clinic\_Managment\_Staff\_department')

alter table Clinic\_Managment\_Staff drop CONSTRAINT fk\_Clinic\_Managment\_Staff\_department

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_bill\_Patient\_id')

alter table Clinic\_Managment\_Bills drop CONSTRAINT fk\_bill\_Patient\_id

if exists (SELECT \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_NAME='fk\_Clinic\_Managment\_bill\_paymentType')

alter table Clinic\_Managment\_Bills drop CONSTRAINT fk\_Clinic\_Managment\_bill\_paymentType

GO

if exists(select \* from sys.objects where name='Clinic\_Managment\_staff\_designation\_lookup')

drop table Clinic\_Managment\_staff\_designation\_lookup

if exists(select \* from sys.objects where name='Clinic\_Managment\_bill\_lookup')

drop table Clinic\_Managment\_bill\_lookup

if exists(select \* from sys.objects where name='Clinic\_Managment\_Insurance\_Lookup')

drop table Clinic\_Managment\_Insurance\_Lookup

if exists(select \* from sys.objects where name='Clinic\_Managment\_Bills')

drop table Clinic\_Managment\_Bills

--if exists(select \* from sys.objects where name='Clinic\_Managment\_Staff')

-- drop table Clinic\_Managment\_Staff

if exists(select \* from sys.objects where name='Clinic\_Managment\_Report\_Lookup')

drop table Clinic\_Managment\_Report\_Lookup

if exists (select \* from sys.objects where name='Clinic\_Managment\_Laboratory')

    drop table Clinic\_Managment\_Laboratory

if exists(select \* from sys.objects where name='Clinic\_Managment\_Staff')

drop table Clinic\_Managment\_Staff

if exists(select \* from sys.objects where name='Clinic\_Managment\_Prescription')

  drop table Clinic\_Managment\_Prescription

if exists (select \* from sys.objects where name='Clinic\_Managment\_Insurance')

    drop table Clinic\_Managment\_Insurance

if exists (select \* from sys.objects where name='Clinic\_Managment\_Clinic\_Review')

   drop table Clinic\_Managment\_Clinic\_Review

if exists (select \* from sys.objects where name='Clinic\_Managment\_Medicine')

    drop table Clinic\_Managment\_Medicine

if exists (select \* from sys.objects where name='Clinic\_Managment\_Appointment')

    drop table Clinic\_Managment\_Appointment

if exists(select \* from sys.objects where name='Clinic\_Managment\_Patient')

  drop table Clinic\_Managment\_Patient

if exists(select \* from sys.objects where name='Clinic\_Managment\_Doctor')

  drop table Clinic\_Managment\_Doctor

if exists(select \* from sys.objects where name='Clinic\_Managment\_Doctor\_Lookup')

drop table Clinic\_Managment\_Doctor\_Lookup

GO

CREATE TABLE Clinic\_Managment\_staff\_designation\_lookup(

[staff\_department\_id] [varchar](30) NOT NULL,

CONSTRAINT [PK\_Clinic\_Managment\_Staff\_department\_ID] PRIMARY KEY ([staff\_department\_id])

)

GO

CREATE TABLE Clinic\_Managment\_Bill\_lookup(

bill\_payment\_method\_name [varchar] (10) NOT NULL,

CONSTRAINT [PK\_Clinic\_Managment\_Bill\_lookup\_method\_name] PRIMARY KEY ([bill\_payment\_method\_name])

)

GO

CREATE TABLE Clinic\_Managment\_Report\_Lookup(

report\_AvailStatus [varchar] (10) NOT NULL,

CONSTRAINT [PK\_Clinic\_Managment\_Report\_Lookup\_Status] PRIMARY KEY ([report\_AvailStatus])

)

CREATE TABLE Clinic\_Managment\_Doctor\_Lookup(

doctor\_name [varchar] (20) NOT NULL,

CONSTRAINT [PK\_Clinic\_Managment\_Doctor\_Lookup\_doctor\_name] PRIMARY KEY ([doctor\_name])

)

CREATE TABLE Clinic\_Managment\_Insurance\_Lookup(

insurance\_type [varchar] (20) NOT NULL,

CONSTRAINT [PK\_Clinic\_Managment\_Insurance\_LookUP\_Type] PRIMARY KEY ([insurance\_type])

)

GO

create table Clinic\_Managment\_Doctor

(

    doctor\_name VARCHAR(20) not null,

    doctor\_id int IDENTITY not null,

    doctor\_contactNo int not null,

    doctor\_specialist VARCHAR(20) not null,

    doctor\_degree VARCHAR(30) not null,

    doctor\_JoinDate date not null,

    doctor\_serviceEndDate date not null,

    constraint pk\_clinic\_doctor\_id primary key (doctor\_id),

    constraint uk\_clinic\_doctor\_contactNo UNIQUE(doctor\_contactNo),

    CONSTRAINT fk\_clinic\_doctor\_name\_lookup FOREIGN KEY(doctor\_name) REFERENCES Clinic\_Managment\_doctor\_lookup(doctor\_name)

)

GO

create table Clinic\_Managment\_Patient

(

    patient\_firstname varchar(20) not null,

    patient\_lastname varchar(20) not null,

    patient\_weight decimal(8,2) not null,

    patient\_height DECIMAL(8,2) not null,

    patient\_age int not null,

    patient\_dob date not null,

    patient\_id int identity not null,

    patient\_sex varchar(10) not null,

    patient\_contactNo int not null,

    patient\_SSN int not null,

patient\_doctor\_id int NOT NULL,

    constraint pk\_clinic\_patient\_id primary key (patient\_id),

    constraint uk\_clinic\_patient\_SSN UNIQUE(patient\_SSN),

--constraint uk\_clinic\_patient\_contactNo UNIQUE(patient\_contactNo),

    constraint fk\_clinic\_patient\_doctor\_id foreign key (patient\_doctor\_id) references Clinic\_Managment\_Doctor(doctor\_id)

)

GO

create table Clinic\_Managment\_Appointment

(

  appointment\_date date not null,

  appointment\_time datetime  not null,

  appointment\_reasonToVisit VARCHAR(20) not null,

  appointment\_id int identity not  null,

  appointment\_concernedDocName INT not null,

  appointment\_patient\_id int not null,

  constraint pk\_clinic\_appointment\_id primary key (appointment\_id),

  constraint fk\_clinic\_appointment\_concernedDocName foreign key (appointment\_concernedDocName) references Clinic\_Managment\_doctor(doctor\_id),

  constraint fk\_clinic\_appointment\_patient\_id foreign key (appointment\_patient\_id) references Clinic\_Managment\_Patient(patient\_id)

)

CREATE TABLE Clinic\_Managment\_Staff(

staff\_id int IDENTITY NOT NULL,

staff\_ssn char(9) NOT NULL,

staff\_lastname varchar(50) NOT NULL,

staff\_firstname varchar(50) NOT NULL,

staff\_contactnumber int,

staff\_department varchar(30) NOT NULL,

CONSTRAINT PK\_Staff\_ID PRIMARY KEY (staff\_id ),

CONSTRAINT fk\_Clinic\_Managment\_Staff\_department FOREIGN KEY (staff\_department) REFERENCES Clinic\_Managment\_staff\_designation\_lookup(staff\_department\_id)

)

create table Clinic\_Managment\_Laboratory

(

  laboratory\_id int identity not null,

  laboratory\_name VARCHAR(20) not null,

  laboratory\_TestPerformedBy INT not null,

  laboratory\_TestPerformed varchar(20) not null,

  laboratory\_date\_Time datetime not null,

  laboratory\_reportNo int not null,

  laboratory\_reportAvailStatus varchar(10) not null,

  laboratory\_doctor\_id int not null,

  laboratory\_patient\_id int not null,

  constraint pk\_clinic\_laboratory\_id primary key (laboratory\_id),

  constraint fk\_clinic\_laboratory\_TestPerformedBy foreign key (laboratory\_TestPerformedBy) references Clinic\_Managment\_Staff(staff\_id),

  constraint fk\_laboratory\_doctor\_id foreign key (laboratory\_doctor\_id) references Clinic\_Managment\_Doctor(doctor\_id),

  constraint fk\_laboratory\_patient\_id foreign key (laboratory\_patient\_id) references Clinic\_Managment\_Patient(patient\_id),

  constraint uk\_clinic\_laboratory\_reportNo UNIQUE(laboratory\_reportNo),

  CONSTRAINT fk\_clinic\_report\_lookup FOREIGN KEY(laboratory\_reportAvailStatus) REFERENCES Clinic\_Managment\_Report\_Lookup(report\_AvailStatus)

)

create table Clinic\_Managment\_Clinic\_Review

(

  clinic\_review\_id int not null,

  clinic\_review\_RatingValue int not null,

  clinic\_review\_RatingComment varchar(30) null,

  clinic\_review\_patient\_id int not null,

  constraint pk\_clinic\_review\_id primary key (clinic\_review\_id)

  )

create table Clinic\_Managment\_Medicine

(

  medicine\_name VARCHAR(20) not null,

  medicine\_mfgDate date not null,

  medicine\_expDate date not null,

  medicine\_manufacturerName VARCHAR(30) not null,

  medicine\_rackNo int not null,

  medicine\_id int identity not null,

  medicine\_availableStock varchar(20) not null,

  constraint pk\_clinic\_medicine\_id primary key (medicine\_id),

  constraint uk\_clinic\_medicine\_name UNIQUE(medicine\_name)

)

create table Clinic\_Managment\_Prescription

(

  prescription\_id int identity not null,

  prescription\_Date date not null,

  prescription\_patient\_id int not null,

  prescription\_doctor\_id int not null,

  prescription\_medicine\_id int not null,

  constraint pk\_clinic\_prescription\_id primary key (prescription\_id),

  constraint fk\_clinic\_prescription\_patient\_id

  foreign key (prescription\_patient\_id) references Clinic\_Managment\_Patient(patient\_id),

  constraint fk\_clinic\_prescription\_medicine\_id

  foreign key (prescription\_medicine\_id) references Clinic\_Managment\_Medicine(medicine\_id),

  constraint fk\_clinic\_prescription\_doctor\_id

  foreign key (prescription\_doctor\_id) references Clinic\_Managment\_Doctor(doctor\_id)

)

create table Clinic\_Managment\_Insurance

(

  insurance\_id int identity not null,

  insurance\_type varchar(20) not null,

  insurance\_PlanName varchar(20) not null,

  insurance\_MaturityDate date not null,

  insurance\_ProviderName varchar(20) not null,

  insurance\_ClaimsLeft int not null,

  insurance\_patient\_id int not null,

  constraint pk\_clinic\_insurance\_id primary key (insurance\_id),

  constraint fk\_clinic\_insurance\_patient\_id foreign key (insurance\_patient\_id) references Clinic\_Managment\_Patient(patient\_id),

  CONSTRAINT fk\_clinic\_insurance\_lookup FOREIGN KEY(insurance\_PlanName) REFERENCES Clinic\_Managment\_Insurance\_Lookup(insurance\_type)

)

GO

GO

CREATE TABLE Clinic\_Managment\_Bills(

bill\_id int NOT NULL,

bill\_date DATETIME NOT NULL,

bill\_payer\_name varchar(50),

bill\_patient\_id int NOT NULL,

bill\_patient\_name varchar(50) NOT NULL,

bill\_payment\_method\_name varchar(10),

bill\_amount money NOT NULL,

CONSTRAINT PK\_Bills\_ID PRIMARY KEY (bill\_id ),

CONSTRAINT fk\_bill\_Patient\_id FOREIGN KEY (bill\_patient\_id) REFERENCES Clinic\_Managment\_Patient(Patient\_id),

CONSTRAINT fk\_Clinic\_Managment\_bill\_paymentType FOREIGN KEY (bill\_payment\_method\_name) REFERENCES Clinic\_Managment\_Bill\_lookup(bill\_payment\_method\_name)

)