Tables Creation

Patient -Table

create table Patient(

Patient\_ID number(10),

First\_Name varchar2(20) not null,

Last\_Name varchar2(20) not null,

Zip\_Number number(7) not null,

Street varchar2(20) null,

city varchar2(20) null,

Gender varchar2(6) not null,

Birthdate date not null,

Disease varchar2(20) not null,

constraint pk\_patient primary key(Patient\_ID)

)

Employee -Table

create table Employee(

Employee\_ID number(10),

First\_Name varchar2(20) not null,

Last\_Name varchar2(20) not null,

phone number(20) not null,

Zip\_Number number(7) not null,

city varchar2(20),

Street varchar2(20),

Gender varchar2(6) not null,

salary number(5) not null,

constraint pk\_employee primary key(Employee\_ID)

)

Department -Table

create table Department(

Department\_Name varchar2(15),

constraint pk\_Department primary key(Department\_Name)

)

Room -Table

create table Room(

Room\_Number number(5),

Room\_Type varchar2(15) not null,

status varchar2(10) not null,

constraint pk\_room primary key(Room\_Number)

)

Medicine -Table

create table Medicine(

Medicine\_ID number(10),

Medicine\_Name varchar2(50) not null,

constraint pk\_medicine primary key(Medicine\_ID)

)

Laboratory -Table

create table Laboratory(

Lab\_Num number(5),

constraint pk\_laboratory primary key(Lab\_Num)

)

Payment -Table

create table Payment(

Payment\_ID number(10),

status varchar2(10),

Type varchar2(10),

constraint pk\_payment primary key(Payment\_ID)

)

Phone Number -Table

create table Phone\_Number(

Phone\_Number number(20),

Patient\_ID number(10),

constraint pk\_phone primary key(Phone\_Number,Patient\_ID),

constraint fk\_patient\_phone foreign key(Patient\_ID) references patient(Patient\_ID)

)

Equipment -Table

create table Equipment(

Equipment\_ID number(10),

Name varchar2(10) not null,

Pro\_Country varchar2(10) not null,

Pro\_Company varchar2(10) not null,

Equipment\_Price number(6) not null,

Lab\_Num number(5) not null,

constraint pk\_equipment primary key(Equipment\_ID),

constraint fk\_laboratory\_equipment foreign key(Lab\_Num) references Laboratory(Lab\_Num)

)

Nurse -Table

create table Nurse(

Nurse\_ID number(10),

constraint pk\_nurse primary key(Nurse\_ID),

constraint fk\_employee\_nurse foreign key(Nurse\_ID) references Employee(Employee\_ID)

)

Receptionist -Table

create table Receptionist(

Receptionist\_ID number(10),

constraint pk\_receptionist primary key(Receptionist\_ID),

constraint fk\_employee\_receptionist foreign key(Receptionist\_ID) references Employee(Employee\_ID)

)

Doctor -Table

create table Doctor(

Doctor\_ID number(10),

Lab\_Num number(5) null,

Department\_Name varchar(15) not null,

constraint pk\_doctor primary key(Doctor\_ID),

constraint fk\_Employee\_doctor foreign key(Doctor\_ID) references Employee(Employee\_ID),

constraint fk\_laboratory\_doctor foreign key(Lab\_Num) references Laboratory(Lab\_Num),

constraint fk\_department\_doctor foreign key(Department\_Name) references Department(Department\_Name)

)

Out Patient -Table

create table Outpatient(

Outpatient\_ID number(10),

admission\_date date not null,

constraint pk\_outpatient primary key(Outpatient\_ID),

constraint fk\_patient\_outpatient foreign key(Outpatient\_ID) references Patient(Patient\_ID)

)

In Patient -Table

create table Inpatient(

Inpatient\_ID number(10),

Room\_Number number(5) not null UNIQUE,

Date\_Discharged date not null,

Date\_Admitted date not null,

constraint pk\_inpatient primary key(Inpatient\_ID),

constraint fk\_patient\_inpatient foreign key(Inpatient\_ID) references Patient(Patient\_ID),

constraint fk\_room\_inpatient foreign key (Room\_Number) references Room(Room\_Number)

)

Bill -Table

create table Bill(

Bill\_ID number(10),

patient\_ID number(10) not null UNIQUE,

payment\_ID number(10) not null UNIQUE,

Receptionist\_ID number(10) not null,

Doc\_Charges number(7),

Room\_Charges number(7),

constraint pk\_bill primary key(Bill\_ID),

constraint fk\_patient\_bill foreign key(patient\_ID) references patient(patient\_ID),

constraint fk\_payment\_bill foreign key(payment\_ID) references payment(Payment\_ID),

constraint fk\_receptionist\_bill foreign key(Receptionist\_ID) references Receptionist(Receptionist\_ID)

)

Analysis -Table

create table Analysis(

analyse\_num number(10),

Lab\_Num number(5) not null,

patient\_ID number(10),

Analyse\_date date not null,

constraint pk\_analysis primary key(analyse\_num),

constraint fk\_laboratory\_anaylsis foreign key(Lab\_Num) references Laboratory(Lab\_Num),

constraint fk\_patient\_anaylsis foreign key(patient\_ID) references patient(patient\_ID)

)

Description -Table

create table Description(

prescription\_ID number(10),

Medicine\_ID number(10) not null,

Doctor\_ID number(10) not null,

Patient\_ID number(10) not null,

Quantity number(10) not null,

constraint pk\_description primary key(prescription\_ID),

constraint fk\_medicine\_description foreign key(Medicine\_ID) references Medicine(Medicine\_ID),

constraint fk\_doctor\_description foreign key(Doctor\_ID) references Doctor(Doctor\_ID),

constraint fk\_patient\_description foreign key(Patient\_ID) references Patient(Patient\_ID)

)

Examination -Table

create table Examination(

Patient\_ID number(10),

Doctor\_ID number(10),

Examin\_Date date not null,

constraint pk\_examination primary key(Patient\_ID,Doctor\_ID) ,

constraint fk\_doctor\_examination foreign key(Doctor\_ID) references Doctor(Doctor\_ID),

constraint fk\_patient\_examination foreign key(Patient\_ID) references Patient(Patient\_ID)

)

Helping -Table

create table Helping(

Doctor\_ID number(10),

nurse\_ID number(10),

constraint pk\_helper primary key(Doctor\_ID,nurse\_ID),

constraint fk\_doctor\_helping foreign key(Doctor\_ID) references doctor(Doctor\_ID),

constraint fk\_nurse\_helping foreign key(nurse\_ID) references nurse(nurse\_ID)

)

Governs -Table

create table Governs(

Nurse\_ID number(10),

Room\_Number number(5),

constraint pk\_Governs primary key(Room\_Number ,nurse\_ID),

constraint fk\_nurse\_Governs foreign key(nurse\_ID) references nurse(nurse\_ID),

constraint fk\_room\_helping foreign key(Room\_Number) references room(Room\_Number)

)

**Data Insertion**

Patient -Table

insert into patient values (111111, 'Ahmed', 'Ibrahim', 21619, '4 Omar lotfy', 'Alexandria', 'Male', to\_date('03-12-1997'), 'acne')

insert into patient values (111114, 'Nada', 'Mohamed', 21515, '117 Foad street', 'Alexandria', 'Female', to\_date('04-26-2002'), 'Fever')

insert into patient values (111116, 'Ziad', 'Ali', 21648, '22 Mohamed Moaz', 'Alexandria', 'Male', to\_date('01-03-2004'), 'Fever') ​

insert into patient values (111117, 'Esraa', 'Ossama', 21611, '8 Al-Moshir', 'Alexandria', 'Female', to\_date('11-27-2001'), 'Psych disorders')

insert into patient values (111118, 'Rahma','Ibrahim', 21648, '29 Mahmodya Street', 'Alexandria', 'Female', to\_date('11-3-1994'), 'acne')

insert into patient values (111119, 'Ahmed', 'Samy', 21611, '37 Khalil Hamada', 'Alexandria', 'Male', to\_date('04-26-2002'), 'Fever')

insert into patient values (111120, 'Tasneem', 'Yousry', 21611, '18 Cairo Street', 'Alexandria', 'Female', to\_date('09-13-2002'), 'H-B pressure')

insert into patient values (111121, 'Amr', 'Mahmoud', 21611, '37 Seif Street', 'Alexandria', 'Male', to\_date('01-01-2002'), 'Irr-Heartbeat')

insert into patient values (111124, 'Mariam', 'Ahmed', 21611, '19 Ahmed Gamal', 'Alexandria', 'Female', to\_date('09-15-2002'), 'Pancreas')

insert into patient values (111125, 'Omar', 'Alaa', 21619, '56 AL-Nasr Street', 'Alexandria', 'Male', to\_date('02-02-2013'), 'anemia')

insert into patient values (111122, 'Nour', 'Yasser', 21648, '3 Fawzy Moaz', 'Alexandria', 'Female', to\_date('01-15-2003'), 'Stigmatism')

insert into patient values (111123, 'Ahmed', 'Yasser', 21532, '6 Omar Taha', 'Alexandria', 'Male', to\_date('06-02-1992'), 'Inflam of cartil')

insert into patient values (111115, 'Salma', 'Mousa', 21532, '36 Ahmed Moheb', 'Alexandria', 'Female', to\_date('03-19-1993'), 'Pneumonia')

insert into patient values (111113, 'Karim', 'Hussam Al-Din', 21525, '4 Ismael Al-Fangary', 'Alexandria', 'Male', to\_date('09-03-2001'), 'Hemophilia')

insert into patient values (111112, 'Yousef', 'Ahmed', 21928, '9 Al-Hadid w Al-Solb', 'Alexandria', 'Male', to\_date('11-7-1973'), 'gallbladder')

insert into patient values (111126, 'Alaa', 'Essam', 21678, '16 Ahmed Al-Sayed', 'Alexandria', 'Female', to\_date('02-01-1999'), 'Colon Cancer')

insert into patient values (111127, 'Omar', 'Mohamed', 21648, '2 AL-Mahmoudia Str', 'Alexandria', 'Male', to\_date('08-08-1978'), 'Kidney disease')

insert into patient values (111128, 'Sara', 'Ahmed', 21619, '2 AL-Nasr Street', 'Alexandria', 'Female', to\_date('02-22-1995'), 'Pregnancy')

insert into patient values (111129, 'Mohmoud', 'Mohamed', 21648, '9 Fawzy Moaz', 'Alexandria', 'Male', to\_date('11-05-1992'), 'Hemophilia')

insert into patient values (111130, 'Ahmed', 'Fathy', 21648, '32 Fawzy Moaz', 'Alexandria', 'Male', to\_date('3-29-1996'), 'Hemophilia')

Employee -Table

insert into Employee values (222221, 'Yasser', 'Foaad', 01296129362, 21743, 'Alexandria', '55 Roshdy Abaza', 'Male', 15000)

insert into Employee values (222222, 'Mohamed', 'Waleed', 01169696969, 21456, 'Alexandria', '7 Eskandar Ibrahim', 'Male', 17000)

insert into Employee values (222223, 'Yousry', 'Shawky', 01286996314, 21223, 'Alexandria', '67 Mohamed Rahim', 'Male', 13000)

insert into Employee values (222224, 'Abd-Al Latif', 'Mohamed', 01009424152, 21525, 'Alexandria', '88 Kaaed Ibrahim', 'Male', 20000)

insert into Employee values (222225, 'Hoda', 'Hassab', 01038211923, 21619, 'Alexandria', '43 Share3 20', 'Female', 10000)

insert into Employee values (222226, 'Amira', 'Fathy', 01564793456, 21648, 'Alexandria', '5 Abo-Quir', 'Female', 16000)

insert into Employee values (222227, 'Ziad', 'Tharwat', 0106969696, 21648, 'Alexandria', '7 Fawzy Moaz', 'Male', 12500)

insert into Employee values (222228, 'Hayam', 'El-Sayed', 012965893248, 21213, 'Alexandria', '55 Roshdy Abaza', 'Male', 13000)

insert into Employee values (222229, 'Tarek', 'Abd-ElRaze2', 010733630962, 21778, 'Alexandria', '55 Roshdy Abaza', 'Male', 11000)

insert into Employee values (222230, 'Ziad', 'Shamandy', 01299192292, 21743, 'Alexandria', '55 Roshdy Abaza', 'Male', 12500)

insert into Employee values (222231, 'Fares', 'Ayman', 01582361232, 21223, 'Alexandria', '2 Hassan Mahmoud', 'Male', 10000)

insert into Employee values (222232, 'Foaad', 'Ahmed', 01221561292, 21341, 'Alexandria', '66 Abo Ryad', 'Male', 15000)

insert into Employee values (222233, 'Omar', 'Atef', 01526262292, 21983, 'Alexandria', '9 Karam Al-Sham', 'Male', 12500)

insert into Employee values (222234, 'Mina', 'Micheal', 01012342292, 21961, 'Alexandria', '18 Metro Pool', 'Male', 13000)

insert into Employee values (222235, 'Yostina', 'Magdy', 01291823612, 21321, 'Alexandria', '24 Mickey-Mouse', 'Female', 8000)

insert into Employee values (333331, 'Soaad', 'Al-Sayed', 01292081932, 21743, 'Alexandria', '2 Fathy Foaad', 'Female', 3000)

insert into Employee values (333332, 'Fawzya', 'Ibrahim', 01089123722, 21233, 'Alexandria', '2 Al-Shahid Younis', 'Female', 3000)

insert into Employee values (333333, 'Hoda', 'Salem', 01081323522, 21268, 'Alexandria', '16 Al-Moshir', 'Female', 3000)

insert into Employee values (333334, 'Hoda', 'Al-Sayed', 01523251932, 21743, 'Alexandria', '18 Fathy Foaad', 'Female', 3000)

insert into Employee values (333335, 'Esraa', 'Shehata', 01527593648, 21523, 'Alexandria', '2 Foaad street', 'Female', 3000)

insert into Employee values (333336, 'Salma', 'Yoursy', 0103256932, 21525, 'Alexandria', '211 Tiba street', 'Female', 3000)

insert into Employee values (333337, 'Hayam', 'Ahmed', 01002552932, 21525, 'Alexandria', '3 Ismael Al-Fangary', 'Female', 3000)

insert into Employee values (333338, 'Somaya', 'Shaaban', 01121132567, 21653, 'Alexandria', '4 Mostafa Kamel', 'Female', 3000)

insert into Employee values (333339, 'Fatima', 'Al-Khashab', 01121132567, 21526, 'Alexandria', '3 Ahmed Shaaban', 'Female', 3000)

insert into Employee values (333340, 'Mahitab', 'Mahmoud', 01223256869, 21223, 'Alexandria', '15 Mohamed Rahim', 'Female', 3000)

insert into Employee values (444441, 'Rahma', 'Fathy', 01012132567, 21652, 'Alexandria', '2 Bor Saaid', 'Female', 5000)

insert into Employee values (444442, 'Fatma', 'Fawzy', 01012132567, 21661, 'Alexandria', '12 Al-Mahmoudia', 'Female', 5000)

insert into Employee values (444443, 'Fares', 'Soliman', 01526758877, 21432, 'Alexandria', '24 Maged Ismael', 'Male', 5000)

Department -Table

insert into Department values ('Gastroenterists')

insert into Department values ('Nephrologists')

insert into Department values ('Dermatologists')

insert into Department values ('Ophthal-gists')

insert into Department values ('Psychiatrists')

insert into Department values ('Otolar-gists')

insert into Department values ('Surgeons')

insert into Department values ('Hematologists')

insert into Department values ('Cardiologists')

insert into Department values ('Endocri-gists')

Room -Table

insert into Room values (101, 'Blood diseases', 'Available')

insert into Room values (102, 'Blood diseases', 'Available')

insert into Room values (103, 'Blood diseases', 'Available')

insert into Room values (104, 'Blood diseases', 'Available')

insert into Room values (201, 'Pectoral', 'Available')

insert into Room values (202, 'Pectoral', 'Available')

insert into Room values (301, 'Internally', 'Available')

insert into Room values (302, 'Internally', 'Available')

insert into Room values (303, 'Internally', 'Available')

insert into Room values (304, 'Internally', 'Available')

insert into Room values (305, 'Internally', 'Available')

insert into Room values (306, 'Internally', 'Available')

Medicine -Table

insert into Medicine values (125101, 'Factor VIII')

insert into Medicine values (125102, 'Factor IX')

insert into Medicine values (125103, 'Ambezim')

insert into Medicine values (125104, 'Paramol')

insert into Medicine values (125105, 'Paracetamol')

insert into Medicine values (125106, 'Aspirin')

insert into Medicine values (125107, 'Doxycin')

insert into Medicine values (125108, 'Regulon')

insert into Medicine values (125109, 'Iragazan')

insert into Medicine values (125110, 'Hypericum')

insert into Medicine values (125111, 'Aplenzin')

insert into Medicine values (125112, 'Lustral')

insert into Medicine values (125113, 'Aventyl capsules')

insert into Medicine values (125114, 'Angilat')

insert into Medicine values (125115, 'Cardiopril')

insert into Medicine values (125116, 'Penicillin-G SOD')

insert into Medicine values (125117, 'ORVEK SYP')

insert into Medicine values (125118, 'Retarpen')

insert into Medicine values (125119, 'Fortepen')

insert into Medicine values (125120, 'Artamin')

insert into Medicine values (125121, 'Resochin')

insert into Medicine values (125122, 'Apicort') anemia

insert into Medicine values (125123, 'Corrective lenses')

insert into Medicine values (125124, 'Maxitrol eye oint')

insert into Medicine values (125125, 'Neomycin nasal spray')

insert into Medicine values (125126, 'Azithromycin')

insert into Medicine values (125127, 'Clarithromycin')

insert into Medicine values (125128, 'Doxycycline')

insert into Medicine values (125129, 'Chemotherapy')

insert into Medicine values (125130, 'Radiotherapy')

insert into Medicine values (125131, 'Surgeotherapy')

insert into Medicine values (125132, 'Tramdol')

insert into Medicine values (125133, 'Gabapentin')

insert into Medicine values (125134, 'Norco')

insert into Medicine values (125135, 'Panadol')

insert into Medicine values (125136, 'Panadol -Extra')

insert into Medicine values (125137, 'Ibuprofen')

Laboratory -Table

insert into Laboratory values (115)

insert into Laboratory values (116)

insert into Laboratory values (117)

insert into Laboratory values (118)

insert into Laboratory values (223)

insert into Laboratory values (224)

insert into Laboratory values (225)

insert into Laboratory values (226)

insert into Laboratory values (227)

insert into Laboratory values (228)

insert into Laboratory values (337)

insert into Laboratory values (338)

Payment -Table

insert into Payment values (90001, 'Paid', 'Cash')

insert into Payment values (90002, 'Paid', 'Cash')

insert into Payment values (90003, 'UNPaid', 'Cash')

insert into Payment values (90004, 'Paid', 'Cash')

insert into Payment values (90005, 'Paid', 'Cash')

insert into Payment values (90006, 'UNPaid', 'Cash')

insert into Payment values (90007, 'Paid', 'Cash')

insert into Payment values (90008, 'Paid', 'Cash')

insert into Payment values (90009, 'UNPaid', 'Cash')

insert into Payment values (90010, 'Paid', 'Cash')

insert into Payment values (80001, 'Paid', 'Visa')

insert into Payment values (80002, 'UNPaid', 'Visa')

insert into Payment values (80003, 'Paid', 'Visa')

insert into Payment values (80004, 'Paid', 'Visa')

insert into Payment values (80005, 'UNPaid', 'Visa')

insert into Payment values (80006, 'Paid', 'Visa')

insert into Payment values (80007, 'Paid', 'Visa')

insert into Payment values (80008, 'UNPaid', 'Visa')

insert into Payment values (80009, 'Paid', 'Visa')

insert into Payment values (80010, 'Paid', 'Visa')

Phone Number -Table

insert into Phone\_Number values (01098756472, 111111)

insert into Phone\_Number values (01059347595, 111112)

insert into Phone\_Number values (01192343748, 111113)

insert into Phone\_Number values (01283478342, 111114)

insert into Phone\_Number values (01192340823, 111115)

insert into Phone\_Number values (01193847234, 111116)

insert into Phone\_Number values (01099463834, 111117)

insert into Phone\_Number values (01192378244, 111118)

insert into Phone\_Number values (01592735261, 111119)

insert into Phone\_Number values (01592378231, 111120)

insert into Phone\_Number values (01523728401, 111121)

insert into Phone\_Number values (01193752823, 111122)

insert into Phone\_Number values (01223874733, 111123)

insert into Phone\_Number values (01092377236, 111124)

insert into Phone\_Number values (01562368123, 111125)

insert into Phone\_Number values (01015957945, 111126)

insert into Phone\_Number values (01192376374, 111127)

insert into Phone\_Number values (01198754472, 111128)

insert into Phone\_Number values (01198798236, 111129)

insert into Phone\_Number values (01253846593, 111130)

insert into Phone\_Number values (01523757233, 111111)

insert into Phone\_Number values (01596271272, 111115)

insert into Phone\_Number values (01298923723, 111119)

insert into Phone\_Number values (01103773811, 111114)

insert into Phone\_Number values (01509375838, 111122)

insert into Phone\_Number values (01109302372, 111127)

insert into Phone\_Number values (01502395710, 111125)

insert into Phone\_Number values (01001032742, 111130)

Equipment -Table

insert into Equipment values (42401, 'ASTTR', 'Germany', 'High-Tech', 88000, 115)

insert into Equipment values (42402, 'ASTTR', 'Germany', 'High-Tech', 88000, 116)

insert into Equipment values (42403, 'ASTTR', 'Germany', 'High-Tech', 88000, 117)

insert into Equipment values (42404, 'X-Ray', 'Germany', 'High-Tech', 70000, 115)

insert into Equipment values (42405, 'X-Ray', 'Germany', 'High-Tech', 70000, 118)

insert into Equipment values (42406, 'CT Scan', 'Germany', 'High-Tech', 120000, 337)

insert into Equipment values (42407, 'CT Scan', 'Germany', 'High-Tech', 120000, 338)

insert into Equipment values (42408, 'CT Scan', 'Germany', 'High-Tech', 120000, 228)

insert into Equipment values (42409, 'MSI', 'Korea', 'Tanshimo', 110000, 227)

insert into Equipment values (42410, 'MSI', 'Korea', 'Tanshimo', 110000, 226)

insert into Equipment values (42411, 'MSI', 'Korea', 'Tanshimo', 110000, 225)

insert into Equipment values (42412, 'Infrared', 'Malaysia', 'Raymen', 20000, 223)

insert into Equipment values (42413, 'Infrared', 'Malaysia', 'Raymen', 20000, 223)

insert into Equipment values (42414, 'Infrared', 'Malaysia', 'Raymen', 20000, 223)

insert into Equipment values (42415, 'Infrared', 'Malaysia', 'Raymen', 20000, 223)

insert into Equipment values (42416, 'Infrared', 'Malaysia', 'Raymen', 20000, 223)

insert into Equipment values (42417, 'Ultrasound', 'Thailand', 'Rayzen', 40000, 116)

insert into Equipment values (42418, 'Ultrasound', 'Thailand', 'Rayzen', 40000, 117)

insert into Equipment values (42419, 'Ultrasound', 'Thailand', 'Rayzen', 40000, 116)

insert into Equipment values (42420, 'Ultrasound', 'Thailand', 'Rayzen', 40000, 117)

insert into Equipment values (42421, 'DNA-RNA', 'Germany', 'High-Tech', 35000, 115)

insert into Equipment values (42422, 'DNA-RNA', 'Germany', 'High-Tech', 35000, 116)

insert into Equipment values (42423, 'Urinary', 'Germany', 'High-Tech', 35000, 117)

insert into Equipment values (42424, 'Urinary', 'Germany', 'High-Tech', 35000, 118)

insert into Equipment values (42425, 'Monitor', 'Egypt', 'Samsung', 11000, 115)

insert into Equipment values (42426, 'Monitor', 'Egypt', 'Samsung', 11000, 116)

insert into Equipment values (42427, 'Monitor', 'Egypt', 'Samsung', 11000, 117)

insert into Equipment values (42428, 'Monitor', 'Egypt', 'Samsung', 11000, 118)

insert into Equipment values (42429, 'Monitor', 'Egypt', 'Samsung', 11000, 223)

insert into Equipment values (42430, 'Monitor', 'Egypt', 'Samsung', 11000, 224)

insert into Equipment values (42431, 'Monitor', 'Egypt', 'Samsung', 11000, 225)

insert into Equipment values (42432, 'Monitor', 'Egypt', 'Samsung', 11000, 226)

insert into Equipment values (42433, 'Monitor', 'Egypt', 'Samsung', 11000, 227)

insert into Equipment values (42434, 'Monitor', 'Egypt', 'Samsung', 11000, 228)

insert into Equipment values (42435, 'Monitor', 'Egypt', 'Samsung', 11000, 337)

insert into Equipment values (42436, 'Monitor', 'Egypt', 'Samsung', 11000, 338)

Nurse -Table

insert into Nurse values (333331)

insert into Nurse values (333332)

insert into Nurse values (333333)

insert into Nurse values (333334)

insert into Nurse values (333335)

insert into Nurse values (333336)

insert into Nurse values (333337)

insert into Nurse values (333338)

insert into Nurse values (333339)

insert into Nurse values (333340)

Receptionist -Table

insert into Receptionist values (444441)

insert into Receptionist values (444442)

insert into Receptionist values (444443)

Doctor -Table

insert into Doctor values (222221, 115, 'Gastroenterists')

insert into Doctor values (222222, 116, 'Nephrologists')

insert into Doctor values (222223, 117, 'Dermatologists')

insert into Doctor values (222224, 118, 'Ophthal-gists')

insert into Doctor values (222225, 223, 'Cardiologists')

insert into Doctor values (222226, 224, 'Otolar-gists')

insert into Doctor (Doctor\_ID, Department\_Name) values (222227, 'Surgeons')

insert into Doctor values (222228, 226, 'Hematologists')

insert into Doctor values (222229, 227, 'Cardiologists')

insert into Doctor values (222230, 228, 'Endocri-gists')

insert into Doctor values (222231, 337, 'Gastroenterists')

insert into Doctor values (222232, 337, 'Nephrologists')

insert into Doctor values (222233, 115, 'Ophthal-gists')

insert into Doctor values (222234, 227, 'Hematologists')

insert into Doctor (Doctor\_ID, Department\_Name) values (222235, 'Psychiatrists')

Out Patient -Table

insert into Outpatient values (111111, to\_date('09-02-2021'))

insert into Outpatient values (111114, to\_date('03-12-2021'))

insert into Outpatient values (111116, to\_date('02-01-2021'))

insert into Outpatient values (111117, to\_date('05-11-2021'))

insert into Outpatient values (111118, to\_date('04-22-2021'))

insert into Outpatient values (111119, to\_date('12-03-2021'))

insert into Outpatient values (111120, to\_date('08-17-2021'))

insert into Outpatient values (111121, to\_date('11-22-2021'))

insert into Outpatient values (111124, to\_date('03-29-2021'))

insert into Outpatient values (111125, to\_date('07-30-2021'))

In Patient-Table

insert into Inpatient values (111122, 301, to\_date('03-29-2021'), to\_date('04-05-2021'))

insert into Inpatient values (111123, 302, to\_date('04-01-2021'), to\_date('04-06-2021'))

insert into Inpatient values (111115, 201, to\_date('02-04-2021'), to\_date('04-08-2021'))

insert into Inpatient values (111113, 101, to\_date('07-07-2021'), to\_date('07-12-2021'))

insert into Inpatient values (111112, 303, to\_date('05-09-2021'), to\_date('05-12-2021'))

insert into Inpatient values (111126, 304, to\_date('06-13-2021'), to\_date('06-15-2021'))

insert into Inpatient values (111127, 305, to\_date('07-16-2021'), to\_date('07-19-2021'))

insert into Inpatient values (111128, 306, to\_date('03-18-2021'), to\_date('03-22-2021'))

insert into Inpatient values (111129, 102, to\_date('12-18-2021'), to\_date('12-25-2021'))

insert into Inpatient values (111130, 103, to\_date('11-25-2021'), to\_date('11-27-2021'))

Bill -Table

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100101, 111111, 90001, 444441, 100)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100102, 111114, 90002, 444441, 70)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100103, 111116, 90004, 444441, 70)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100104, 111117, 90005, 444441, 50)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100105, 111118, 90007, 444441, 100)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100106, 111119, 90008, 444441, 100)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100107, 111120, 90010, 444442, 50)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100108, 111121, 80001, 444442, 25)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100109, 111124, 80003, 444442, 50)

insert into Bill (Bill\_ID, patient\_ID, payment\_ID, Receptionist\_ID, Doc\_Charges) values (100110, 111125, 80004, 444442, 100)

insert into Bill values (100111, 111122, 90003, 444442, 100, 600)

insert into Bill values (100112, 111123, 90006, 444442, 100, 800)

insert into Bill values (100113, 111115, 80006, 444441, 100, 1000)

insert into Bill values (100114, 111113, 80005, 444441, 200, 400)

insert into Bill values (100115, 111112, 80007, 444441, 150, 500)

insert into Bill values (100116, 111126, 90009, 444443, 100, 600)

insert into Bill values (100117, 111127, 80002, 444443, 125, 600)

insert into Bill values (100118, 111128, 80008, 444443, 100, 800)

insert into Bill values (100119, 111129, 80009, 444443, 150, 800)

insert into Bill values (100120, 111130, 80010, 444443, 100, 1000)

Analysis -Table

insert into Analysis values (200201, 115, 111111, to\_date('09-02-2021'))

insert into Analysis values (200202, 115, 111122, to\_date('03-29-2021'))

insert into Analysis values (200203, 115, 111115, to\_date('02-04-2021'))

insert into Analysis values (200204, 115, 111127, to\_date('07-16-2021'))

insert into Analysis values (200205, 115, 111130, to\_date('11-25-2021'))

Description -Table

insert into Description values (100501, 125124, 222221, 111123, 50)

insert into Description values (100502, 125107, 222223, 111111, 1)

insert into Description values (100503, 125105, 222221, 111114, 25)

insert into Description values (100504, 125105, 222231, 111116, 25)

insert into Description values (100505, 125110, 222235, 111117, 50)

insert into Description values (100506, 125107, 222223, 111118, 1)

insert into Description values (100507, 125105, 222221, 111119, 25)

insert into Description values (100508, 125114, 222228, 111120, 60)

insert into Description values (100509, 125134, 222225, 111121, 100)

insert into Description values (100510, 125118, 222222, 111124, 50)

insert into Description values (100511, 125120, 222234, 111125, 35)

insert into Description values (100512, 125123, 222224, 111122, 5.6)

insert into Description values (100513, 125126, 222226, 111115, 50)

insert into Description values (100514, 125101, 222228, 111113, 1500)

insert into Description values (100515, 125125, 222222, 111112, 300)

insert into Description values (100516, 125131, 222232, 111126, 1)

insert into Description values (100517, 125124, 222221, 111127, 100)

insert into Description values (100518, 125133, 222227, 111128, 75)

insert into Description values (100519, 125102, 222228, 111129, 1000)

insert into Description values (100520, 125103, 222228, 111130, 200)

Examination -Table

insert into Examination values (111111, 222223, to\_date('09-02-2021'))

insert into Examination values (111114, 222221, to\_date('03-12-2021'))

insert into Examination values (111116, 222231, to\_date('02-01-2021'))

insert into Examination values (111117, 222235, to\_date('05-11-2021'))

insert into Examination values (111118, 222223, to\_date('04-22-2021'))

insert into Examination values (111119, 222221, to\_date('12-03-2021'))

insert into Examination values (111120, 222228, to\_date('08-17-2021'))

insert into Examination values (111121, 222225, to\_date('11-22-2021'))

insert into Examination values (111124, 222222, to\_date('03-29-2021'))

insert into Examination values (111125, 222234, to\_date('07-30-2021'))

insert into Examination values (111122, 222224, to\_date('03-29-2021'))

insert into Examination values (111123, 222221, to\_date('04-01-2021'))

insert into Examination values (111115, 222226, to\_date('02-04-2021'))

insert into Examination values (111113, 222228, to\_date('07-07-2021'))

insert into Examination values (111112, 222222, to\_date('05-09-2021'))

insert into Examination values (111126, 222232, to\_date('06-13-2021'))

insert into Examination values (111127, 222221, to\_date('07-16-2021'))

insert into Examination values (111128, 222227, to\_date('03-18-2021'))

insert into Examination values (111129, 222228, to\_date('12-18-2021'))

insert into Examination values (111130, 222228, to\_date('11-25-2021'))

Helping -Table

insert into Helping values (222221, 333331)

insert into Helping values (222221, 333332)

insert into Helping values (222221, 333333)

insert into Helping values (222222, 333334)

insert into Helping values (222222, 333335)

insert into Helping values (222222, 333336)

insert into Helping values (222223, 333337)

insert into Helping values (222223, 333338)

insert into Helping values (222223, 333339)

insert into Helping values (222224, 333340)

insert into Helping values (222224, 333331)

insert into Helping values (222224, 333332)

insert into Helping values (222225, 333333)

insert into Helping values (222225, 333334)

insert into Helping values (222225, 333335)

insert into Helping values (222226, 333336)

insert into Helping values (222226, 333337)

insert into Helping values (222226, 333338)

insert into Helping values (222227, 333339)

insert into Helping values (222227, 333340)

insert into Helping values (222227, 333331)

insert into Helping values (222228, 333332)

insert into Helping values (222228, 333333)

insert into Helping values (222228, 333334)

insert into Helping values (222229, 333335)

insert into Helping values (222229, 333336)

insert into Helping values (222229, 333337)

insert into Helping values (222230, 333338)

insert into Helping values (222230, 333339)

insert into Helping values (222230, 333330)

insert into Helping values (222231, 333331)

insert into Helping values (222231, 333332)

insert into Helping values (222231, 333333)

insert into Helping values (222232, 333334)

insert into Helping values (222232, 333335)

insert into Helping values (222232, 333336)

insert into Helping values (222233, 333337)

insert into Helping values (222233, 333338)

insert into Helping values (222233, 333339)

insert into Helping values (222234, 333340)

insert into Helping values (222234, 333331)

insert into Helping values (222234, 333332)

insert into Helping values (222235, 333333)

insert into Helping values (222235, 333334)

insert into Helping values (222235, 333335)

Governs -Table

insert into Governs values (333331, 101)

insert into Governs values (333332, 101)

insert into Governs values (333333, 102)

insert into Governs values (333334, 102)

insert into Governs values (333335, 103)

insert into Governs values (333336, 103)

insert into Governs values (333337, 104)

insert into Governs values (333338, 104)

insert into Governs values (333339, 201)

insert into Governs values (333340, 201)

insert into Governs values (333331, 202)

insert into Governs values (333332, 202)

insert into Governs values (333333, 301)

insert into Governs values (333334, 301)

insert into Governs values (333335, 302)

insert into Governs values (333336, 302)

insert into Governs values (333337, 303)

insert into Governs values (333338, 303)

insert into Governs values (333339, 304)

insert into Governs values (333340, 304)

insert into Governs values (333331, 305)

insert into Governs values (333332, 305)

insert into Governs values (333333, 306)

insert into Governs values (333334, 306)