**create DATABASE healthcare**

**create table Patients**

(Patientid int not null AUTO\_INCREMENT primary key, firstname varchar(20), lastname varchar(20), gender varchar(5), age int, Phonenumber varchar(20), Address varchar(200))

**alter table patients AUTO\_INCREMENT = 100**

**insert into patients(firstname, lastname, gender, age, Phonenumber, Address)**

VALUES('Tracy', 'George', 'female', 21, 08130309832, 'Plot 5 Forces Avenue, Portharcourt'),

('Sheila', 'Gabriel', 'female', 54, 07033937667, 'Sheila Drive, GRA, Portharcourt'),

('Obinna', 'okere', 'male', 45, 07033001238, 'Spiff Avenue, GRA, Portharcourt'),

('Richard', 'William', 'male', 60, 08011133320, '21 Compton Drive, Compton, Portharcourt'),

('Venus', 'William', 'female', 45, 08011133320, '3 Fidelis Avenue, Mile 4, Portharcourt'),

('Serena', 'William', 'female', 40, 08011133320, '10 Serena Drive, GRA, Portharcourt'),

('Sean', 'Nelson', 'male', 29, 08014443320, '35 Stadium Road, Portharcourt'),

('Paul', 'Walker', 'male', 48, 08111933320, '003 Fast Drive, Ajah, Portharcourt'),

('Angelina', 'Jolie', 'female', 50, 0999223320, '12 Raiders Street, Eliozu, Portharcourt'),

('Richard', 'William', 'male', 39, 08011133320, '21 Compton Drive, Mile 1, Portharcourt')

**create table Doctors**

(Doctorid int not null AUTO\_INCREMENT primary key, firstname varchar(20), lastname varchar(20), gender varchar(10), specialty varchar(20))

**insert into doctors(firstname, lastname, gender, specialty)**

VALUES('Ernest', 'Ikpi', 'male', 'Surgeon'),

('Monalisa', 'Yellow', 'female', 'Pediatrician'),

('King', 'Jacob', 'male', 'Cardiologist'),

('Theresa', 'Green', 'female', 'Dermatologist'),

('Martin', 'Luther', 'male', 'Neurologist'),

('Maudlyn', 'Ndigwe', 'Female', 'Optician'),

('Jennifer', 'Ejiogu', 'female', 'Surgeon'),

('Michael', 'Ntuen', 'male', 'Radiologist'),

('Samuel', 'Columbus', 'male', 'Pediatrician'),

('Blessing', 'Jackson', 'male', 'Gynaecologist')

**create table Admissions**

(Admissionid int not null AUTO\_INCREMENT primary key, Patientid int, Wardid int, AdmissionDate date, DischargeDate date, sponsor varchar(20))

**insert into admissions(AdmissionDate, DischargeDate ,sponsor) VALUES**

('2021-11-24', '2021-11-30','Metropoint(HMO)'),

('2021-11-24', '2021-11-30','Hygia(HMO)'),

('2021-11-24', '2021-11-30','Reliance(HMO)')

('2021-11-24', '2021-11-30','Health point(HMO)'),

('2021-11-24', '2021-11-30','Greenbay(HMO)'),

('2021-11-24', '2021-11-30','SELF'),

('2021-11-24', '2021-11-30','Hallmark(HMO)'),

('2021-11-24', '2021-11-30','Redcare Health Service Limited(HMO)'),

('2021-11-24', '2021-11-30','AIICO(HMO)'),

('2021-11-24', '2021-11-30','IHMS(HMO)')

**create table Treatments**

(Treatmentid int not null AUTO\_INCREMENT primary key, Prescription varchar(100),Patientid int, Doctorid int, Date date)

**insert into treatments(Prescription, Date)VALUES('Paracetamol , Coartem', '2021-11-29'),**

('Boska , Wiper', '2021-11-20'), ('B-complex , Parcetamol injection', '2021-11-29'),

('7 keys , Paracetamol', '2021-11-20'), ('Paracetamol , Coartem', '2021-11-29'),

('Boska , Wiper', '2021-11-20')

**create table Tests**

(Testid int not null AUTO\_INCREMENT primary key, TestName varchar(20), Description varchar(100), Result varchar(80), Patientid int, Doctorid int, Date date)

**insert into tests (TestName, Description, Result, Date)VALUES**

('Widal', 'Test for malaria antibodies','Postive 2++', '2021-11-28'),

('Biopsy', 'Cell or tissue sampling','Negative', '2021-12-30'),

('DNA Test', 'Test for malaria antibodies','Postive 2++' ,'2021-11-27'),

('Lumbar Punture', 'Cebrospinal','Postive 2++', '2021-12-20')

**create table Wards**

(wardid int not null AUTO\_INCREMENT primary key, Name varchar(30))

**insert into wards(name)VALUES**

('Male ward'), ('Female ward'), ('Children ward'), ('Emergency ward')

**create table Laboratory**

(Labid int not null AUTO\_INCREMENT primary key, Testid int)

**insert into laboratory(Testid) select Testid from tests**

**create table Nurses**

(Nurseid int not null AUTO\_INCREMENT primary key, firstname varchar(20), lastname varchar(20), gender varchar(10), rank varchar(15))

**alter table nurses AUTO\_INCREMENT = 200**

**insert into nurses(firstname, lastname, gender, rank)**

VALUES('Irene', 'Smith', 'female', 'Midwife nurse'),

('Clinton', 'Brown', 'male', 'Clinical nurse'),

('Ivory', 'Moses', 'female', 'Anasthestic nurse'),

('Alexander', 'Mahone', 'male', 'Pediatric nurse'),

('Mary', 'Sucre', 'female', 'Geriatric nurse'),

('Elizabeth', 'Tom', 'female', 'Matron'),

('Ruth', 'Scofield', 'female', 'Midwife nurse'),

('Raymond', 'Redington', 'male', 'Geriatric nurse'),

('Jason', 'Phillip', 'male', 'Pediatric Nurse'),

('Loveth', 'James', 'female', 'Anasthestic nurse')

**create table Appiontments**

(Appiontmentid int not null AUTO\_INCREMENT primary key, Patientid int, Doctorid int, Date date)

**alter table appiontments AUTO\_INCREMENT = 300**

insert into Appiontments (AppiontmnetDate)VALUES('2021-11-24'),

('2021-11-29'),

('2021-12-02'),

('2021-12-11'),

('2021-12-20'),

('2021-12-26'),

('2021-12-31'),

('2022-01-04'),

('2022-02-15'),

('2022-05-22')

**create table Bills**

(Billid int not null AUTO\_INCREMENT primary key, Amount decimal, Details varchar(100), Patientid int, Date date)

**insert into bills ( Amount,Details,Date)VALUES**

(250000, 'cesarean section','2021-12-30'), (35000,'Surgery for removal of hyernia', '2021-12-10'),(115000, 'Surgery for removal of fibriod', '2021-11-28')