1. CREATE TABLE PATIENT

(PATIENT\_ID NUMBER PRIMARY\_KEY,

SSN NUMBER(9,2) UNIQUE

NAME VARCHAR2(20)

ADDRESS VARCHAR2(30)

AGE NUMBER(2));

1. CREATE TABLE DOCTOR(

DOCTOR\_ID NUMBER PRIMARY\_KEY,

SSN NUMBER(9,2) UNIQUE,

NAME VARCHAR2(20),

SPECIALITY VARCHAR2(20),

YEARSOFEXP NUMBER(2));

1. CREATE TABLE PRIMARY\_PHYSICIAN

(PATIENT\_ID NUMBER,

DOCTOR\_ID NUMBER,

CONSTRAINT PRIMARY\_PHYSICIAN\_PRIMARY\_KEY

PRIMARY KEY(PATIENT\_ID,DOCTOR\_ID),

CONSTRAINT PRIMARY\_PHYSICIAN\_FOREIGN\_KEY

FOREIGN KEY (PATIENT\_ID) REFERENCES PATIENT(PATIENT\_ID),

CONSTRAINT PRIMARY\_PHYSICIAN\_FOREIGN\_KEY2

FOREIGN KEY(DOCTOR\_ID) REFERENCES DOCTOR(DOCTOR\_ID));

1. CREATE TABLE PRESCRIPTION(

PRESCRIPTION\_ID NUMBER PRIMARY KEY,

PATIENT\_ID NUMBER REFERENCES PATIENT(PATIENT\_ID),

DOCTOR\_ID NUMBER REFERENCES DOCTOR(DOCTOR\_ID),

DRUG\_ID NUMBER(5),

DATE\_OF\_PRESCRIPTION DATE,

DOSAGE VARCHAR2(50),

TIMESTAMP DATE DEFAULT SYSDATE);

1. CREATE TABLE DRUG(

DRUG\_ID NUMBER(5) PRIMARY KEY,

TRADE\_NAME VARCHAR2(50) UNIQUE,

FORMULA VARCHAR2(30),

COMPANY\_ID NUMBER);

1. CREATE TABLE PHARMA\_COMPANY(

COMPANY\_ID NUMBER PRIMARY KEY,

COMPANY\_NAME VARCHAR(10) UNIQUE,

PHONE\_NUMBER VARCHAR(10) UNIQUE)

CREATE TABLE PHARMACY(

PHARMACY\_ID NUMBER PRIMARY KEY,

NAME VARCHAR2(20),

ADDRESS VARCHAR2(50),

PHONE\_NUMBER NUMBER(10) UNIQUE)

1. CREATE TABLE AVAILABLE(

DRUG\_ID NUMBER REFERENCES DRUG(DRUG\_ID),

PRICE NUMBER(5),

PHARMACY\_ID NUMBER REFERENCES PHARMACY(PHARMACY\_ID)

);

1. CREATE TABLE CONTRACTS(

CONTRACT\_ID NUMBER PRIMARY KEY,

PHARMACY\_ID NUMBER REFERENCES PHARMACY(PHARMACY\_ID),

COMPANY\_ID NUMBER REFERENCES PHARMA\_COMPANY(COMPANY\_ID),

START\_DATE DATE,

END\_DATE DATE,

CONTRACT\_TEXT VARCHAR(100)

);

1. CREATE TABLE SUPERVISOR(

CONTRACT\_ID NUMBER REFERENCES CONTRACTS(CONTRACT\_ID),

SUPERVISOR\_ID NUMBER PRIMARY KEY,

SUPERVISOR\_NAME VARCHAR2(50)

);

1. ALTER TABLE PRESCRIPTION

ADD CONSTRAINT PRESCRIPTION\_FOREIGN\_KEY

FOREIGN KEY (DRUG\_ID) REFERENCES DRUG(DRUG\_ID);

1. ALTER TABLE DRUG

ADD CONSTRAINT DRUG\_FOREIGN\_KEY

FOREIGN KEY (COMPANY\_ID) REFERENCES

PHARMA\_COMPANY(COMPANY\_ID);