Trevor Miranda   2019-02-28
CS 548
Assignment 4

Output SQL files:

createDDL.sql

```sql
CREATE TABLE PATIENT (ID BIGINT NOT NULL, NAME VARCHAR(255), PATIENTID BIGINT,
PRIMARY KEY (ID))
CREATE TABLE TREATMENT (ID BIGINT NOT NULL, TYPE VARCHAR(31), DIAGNOSIS
VARCHAR(255), TREATMENT_PATIENT BIGINT, TREATMENT_PROVIDER BIGINT, DOSAGE FLOAT,
DRUG VARCHAR(255), SURGERYDATE DATE, PRIMARY KEY (ID))
CREATE TABLE PROVIDER (ID BIGINT NOT NULL, NAME VARCHAR(255), NPI BIGINT,
PROVIDERTYPE INTEGER, PRIMARY KEY (ID))
CREATE TABLE RadiologyTreatment_TREATMENTDATES (RadiologyTreatment_ID BIGINT,
TREATMENTDATES DATE)
ALTER TABLE TREATMENT ADD CONSTRAINT FK_TREATMENT_TREATMENT_PROVIDER FOREIGN KEY
(TREATMENT_PROVIDER) REFERENCES PROVIDER (ID)
ALTER TABLE TREATMENT ADD CONSTRAINT FK_TREATMENT_TREATMENT_PATIENT FOREIGN KEY
(TREATMENT_PATIENT) REFERENCES PATIENT (ID)
ALTER TABLE RadiologyTreatment_TREATMENTDATES ADD CONSTRAINT
FK_RadiologyTreatment_TREATMENTDATES_RadiologyTreatment_ID FOREIGN KEY
(RadiologyTreatment_ID) REFERENCES TREATMENT (ID)
CREATE TABLE SEQUENCE (SEQ_NAME VARCHAR(50) NOT NULL, SEQ_COUNT DECIMAL(38),
PRIMARY KEY (SEQ_NAME))
INSERT INTO SEQUENCE(SEQ_NAME, SEQ_COUNT) values ('SEQ_GEN', 0)
```

dropDDL.sql

```sql
ALTER TABLE TREATMENT DROP CONSTRAINT FK_TREATMENT_TREATMENT_PROVIDER
ALTER TABLE TREATMENT DROP CONSTRAINT FK_TREATMENT_TREATMENT_PATIENT
ALTER TABLE RadiologyTreatment_TREATMENTDATES DROP CONSTRAINT
FK_RadiologyTreatment_TREATMENTDATES_RadiologyTreatment_ID
DROP TABLE PATIENT CASCADE
DROP TABLE TREATMENT CASCADE
DROP TABLE PROVIDER CASCADE
DROP TABLE RadiologyTreatment_TREATMENTDATES CASCADE
DELETE FROM SEQUENCE WHERE SEQ_NAME = 'SEQ_GEN'
```