**EXERCISE 6 - BMG RECORDS**

CREATE TABLE MUSICIAN

(

SSN NUMBER NOT NULL

, NAME VARCHAR2(20) NOT NULL

, ADDRESS VARCHAR2(100)

, PHONE\_NUMBER NUMBER(10)

, PRODUCER\_ID NUMBER

, CONSTRAINT MUSICIAN\_PK PRIMARY KEY (SSN));

CREATE TABLE ALBUM

(

UIN NUMBER NOT NULL

, TITLE VARCHAR2(100) NOT NULL

, FORMAT VARCHAR2(2)

, COPYRIGHT\_DATE DATE

, ALBUM\_IDENTIFIER VARCHAR2(20)

, SSN NUMBER NOT NULL

, CONSTRAINT ALBUM\_PK PRIMARY KEY(UIN)

, CONSTRAINT ALBUM\_FK1 FOREIGN KEY

(SSN)REFERENCES MUSICIAN(SSN));

CREATE TABLE INSTRUMENT

(

INSTRUMENT\_ID NUMBER NOT NULL

, INSTRUMENT\_NAME VARCHAR2(20) NOT NULL

, MUSICAL\_KEY VARCHAR2(2)

, SSN NUMBER

, CONSTRAINT INSTRUMENT\_PK PRIMARY KEY (INSTRUMENT\_ID)

,CONSTRAINT INSTRUMENT\_FK1 FOREIGN KEY

(SSN)REFERENCES MUSICIAN(SSN));

CREATE TABLE SONG

(

TITLE VARCHAR2(40) NOT NULL

, AUTHOR VARCHAR2(20)

, SSN NUMBER

, UIN NUMBER

, CONSTRAINT SONG\_PK PRIMARY KEY(TITLE)

,CONSTRAINT SONG\_FK1 FOREIGN KEY

(SSN)REFERENCES MUSICIAN(SSN)

,CONSTRAINT SONG\_FK2 FOREIGN KEY(UIN)REFERENCES ALBUM(UIN));

CREATE TABLE COMPANY

(

COMPANY\_ID NUMBER NOT NULL

, COMPANY\_NAME VARCHAR2(20) NOT NULL

, CITY VARCHAR2(20)

, PHONE\_NUMBER NUMBER(10)

, ALBUMS\_SOLD VARCHAR2(20)

, UIN NUMBER

, CONSTRAINT COMPANY\_PK PRIMARY KEY (COMPANY\_ID)

,CONSTRAINT COMPANY\_FK1 FOREIGN KEY

(UIN)REFERENCES ALBUM(UIN));

CREATE TABLE REVENUE

(

COMPANY\_ID NUMBER NOT NULL

, REVENUE\_GENERATED NUMBER

, UIN NUMBER NOT NULL

,CONSTRAINT REVENUE\_FK1 FOREIGN KEY

(UIN)REFERENCES ALBUM(UIN));