*/\* create database music\_app \**/

CREATE DATABASE music\_app;

*/\* use database music\_app \**/

USE music\_app;

*/\* entity \**/

CREATE TABLE artist

(aname CHAR(20),

PRIMARY KEY(aname))

CREATE TABLE album

(abtranum INTEGER,

abname CHAR(20),

date DATE,

aname CHAR(20),

PRIMARY KEY (aname, abtranum),

FOREGIN KEY (aname)

REFERENCES artist

)

CREATE TABLE song

(stranum INTEGER,

sname CHAR(20),

aname CHAR(20),

PRIMARY KEY (aname, stranum),

FOREGIN KEY (aname)

FEFERENCES artist

)

CREATE TABLE featured\_artist

(faname CHAR(20),

PRIMARY KEY (faname))

*/\* relation \**/

CREATE TABLE composed\_of

(abtranum INTEGER,

stranum INTEGER,

PRIMARY KEY (abtranum, stranum),

FOREGIN KEY (abtranum)

REFERENCES album,

FOREGIN KEY (stranum)

REFERENCES song

)

CREATE TABLE feature

(faname CHAR(20),

stranum INTEGER,

PRIMARY KEY (faname, stranum),

FOREGIN KEY (faname)

REFERENCES featured\_artist,

FOREGIN KEY (stranum)

FEFERENCES song

)

*/\* insert data into artist table \**/

INSERT INTO artist VALUES (‘Jason Aldean’);

INSERT INTO artist VALUES (‘Pentatonix’);

INSERT INTO artist VALUES (‘Chris Stapleton’);

INSERT INTO artist VALUES (‘John Prine’);

INSERT INTO artist VALUES (‘LEDGER’);

INSERT INTO artist VALUES (‘Midland’);

INSERT INTO artist VALUES (‘Hillsong Worship’);

INSERT INTO artist VALUES (‘Imagine Dragons’);

INSERT INTO artist VALUES (‘Stone Temple Pilots’);

INSERT INTO artist VALUES (‘Kane Brown’);

/\* insert data into album table \*/

/\* insert data into song table \*/

/\* insert data into featured\_artist table \*/

/\* insert data into composed\_of table \*/

/\* insert data into feature table \*/