CREATE TABLE employee(

employee\_id tinyint PRIMARY KEY not null,

last\_name CHAR(50),

first\_name CHAR(50),

title VARCHAR(50),

reports\_to VARCHAR(30),

levels VARCHAR(10),

birthdate DATE,

hire\_date DATE,

address VARCHAR(120),

city VARCHAR(50),

state VARCHAR(50),

country VARCHAR(30),

postal\_code VARCHAR(30),

phone VARCHAR(30),

fax VARCHAR(30),

email VARCHAR(50));

CREATE TABLE customer(

customer\_id tinyint PRIMARY KEY not null,

first\_name CHAR(30),

last\_name CHAR(30),

company VARCHAR(70),

address VARCHAR(70),

city VARCHAR(30),

state VARCHAR(30),

country VARCHAR(30),

postal\_code varchar(30),

phone varchar(30),

fax varchar(30),

email VARCHAR(30),

support\_rep\_id tinyint);

CREATE TABLE invoice(

invoice\_id tinyint PRIMARY KEY not null,

customer\_id tinyint,

invoice\_date date,

billing\_address VARCHAR(120),

billing\_city VARCHAR(50),

billing\_state VARCHAR(30),

billing\_country VARCHAR(30),

billing\_postal VARCHAR(30),

total FLOAT);

CREATE TABLE invoice\_line(

invoice\_line\_id smallint PRIMARY KEY not null,

invoice\_id smallint,

track\_id smallint,

unit\_price float,

quantity tinyint);

CREATE TABLE track(

track\_id smallint PRIMARY KEY not null,

name VARCHAR(max),

album\_id smallint,

media\_type\_id tinyint,

genre\_id tinyint,

composer VARCHAR(max),

milliseconds int,

bytes int,

unit\_price float);

CREATE TABLE playlist(

playlist\_id tinyint PRIMARY KEY,

name VARCHAR(30));

CREATE TABLE playlist\_track(

playlist\_id tinyint,

track\_id smallint

PRIMARY KEY (track\_id,playlist\_id));

CREATE TABLE artist(

artist\_id smallint PRIMARY KEY not null,

name VARCHAR(80));

CREATE TABLE album(

album\_id smallint PRIMARY KEY,

title VARCHAR(50),

artist\_id smallint);

CREATE TABLE media\_type(

media\_type\_id tinyint PRIMARY KEY,

name VARCHAR(30));

CREATE TABLE genre(

genre\_id tinyint PRIMARY KEY,

name VARCHAR(30));

alter table artist

alter column name varchar(120);

ALTER TABLE employee

ALTER COLUMN birthdate DATEtime;

ALTER TABLE employee

ALTER COLUMN hire\_date DATEtime;

select \* from employee;

ALTER TABLE employee

ALTER COLUMN birthdate DATE;

ALTER TABLE employee

ALTER COLUMN hire\_date DATE;

delete from employee

where employee\_id= 0;

alter table invoice

alter column invoice\_id smallint;

alter table invoice

drop constraint PK\_\_invoice\_\_F58DFD4991D8FADA;

alter table invoice

alter column invoice\_id smallint not null;

alter table invoice

add constraint PK\_\_invoice\_\_F58DFD4991D8FADA primary key (invoice\_id);

select \* from

INFORMATION\_SCHEMA.COLUMNS

where TABLE\_NAME='invoice';

select \* from invoice\_line;

select \* from

INFORMATION\_SCHEMA.COLUMNS

where TABLE\_NAME='track';