REQUESTS

STATION

SUPPLIED TO

MANAGES

INDIAN RAILWAYS

ADMINISTERS

PRODUCERS

PURCHASES

SUPPLIERS

INVENTORY

MANAGER

EMPLOYEES

MONITOR

TRACK

CREATE TABLE Station

(stat\_name char(25),

area\_code char(7),

area\_name char(25),

division char(15),

zone\_name char(40),

CONSTRAINT Station PRIMARY KEY (stat\_name),

CONSTRAINT area\_unique UNIQUE (area\_code));

select \* from Station;

drop table station;

CREATE TABLE Track

(track\_id char(10),

stat\_name char(25),

area\_code char(25),

CONSTRAINT Track PRIMARY KEY (track\_id),

FOREIGN KEY (stat\_name) REFERENCES Station(stat\_name),

FOREIGN KEY (area\_code) REFERENCES Station(area\_code));

drop table track;

select \* from track;

CREATE TABLE Employees

(employee\_id integer,

employee\_name char(30),

designation char(15),

stat\_name char(25),

phone\_no integer,

CONSTRAINT Employees PRIMARY KEY (employee\_id),

CONSTRAINT phon\_unique UNIQUE (phone\_no),

FOREIGN KEY (stat\_name) REFERENCES Station(stat\_name));

drop table employees;

select \* from employees;

CREATE TABLE Managers

(manager\_id integer,

manager\_name char(20),

stat\_name char(25),

CONSTRAINT Managers PRIMARY KEY (manager\_id),

FOREIGN KEY (manager\_id) REFERENCES Employees(employee\_id),

FOREIGN KEY (stat\_name) REFERENCES Station(stat\_name));

drop table managers;

select \* from managers;

CREATE TABLE Inventory

(manager\_id integer,

item\_name char(30),

units integer,

price integer,

inv\_area char(15),

CONSTRAINT Inventory PRIMARY KEY (item\_name),

FOREIGN KEY (manager\_id) REFERENCES Managers(manager\_id),

FOREIGN KEY (inv\_area) REFERENCES Station(area\_code));

select \* from Inventory;

drop table Inventory;

CREATE TABLE Suppliers

(supplier\_name char(25),

supplier\_phone integer,

supplier\_email char(15),

supplier\_address char(15),

CONSTRAINT Suppliers PRIMARY KEY (supplier\_name));

select \* from suppliers;

drop table suppliers;

insert into Station values('Anakapalle','AKP','Visakhapatnam','Vijayawada','South Central Railway');

insert into Station values('Annavaram','ANV','West Godavari','Vijayawada','South Central Railway');

insert into Station values('Bapatla','BPP','Guntur','Vijayawada','South Central Railway');

insert into Station values('Bhimavaram','BVRM','Guntur','West Godavari','South Central Railway');

insert into Station values('Vijayawada','BZA','Vijayawada','Vijayawada','South Central Railway');

insert into Station values('Bapatla','BPP','Guntur','Vijayawada','South Central Railway');

insert into Station values('Kacheguda','KCG','Hyderabad','Hyderabad','South Central Railway');

insert into Station values('Kamareddi','KMC','Nizamabad','Hyderabad','South Central Railway');

insert into Station values('Kurnool City','KRNT','Mahabubnagar','Hyderabad','South Central Railway');

insert into Station values('Malakpet','MXT','Hyderabad','Hyderabad','South Central Railway');

insert into Station values('Shadnagar','SHNR','Mahabubnagar','Hyderabad','South Central Railway');

insert into Station values('Bhadrachalam','BDCR','Khammam','Secunderabad','South Central Railway');