CREATE TABLE Visitor (

EventID char(10) NOT NULL,

Firstname varchar(20) NULL,

Lastname varchar(20) NULL,

Email varchar(20) NULL,

Password varchar(20) NULL,

Balance double NULL,

CheckedIn varchar(3) DEFAULT "No",

Valid varchar(3) DEFAULT "Yes",

CONSTRAINT visitorpk PRIMARY KEY(EventID));

CREATE TABLE CampingSpot (

CampingSpotID int NOT NULL AUTO\_INCREMENT,

Name varchar(30) NOT NULL,

PricePerPerson double NOT NULL,

Capacity int NOT NULL,

CONSTRAINT campingpk PRIMARY KEY(CampingSpotID));

CREATE TABLE Reservation (

CampingSpotID int NOT NULL AUTO\_INCREMENT,

EventID char(10) NOT NULL,

NumberofPeople int NOT NULL,

Price double NOT NULL,

CONSTRAINT reservepk PRIMARY KEY(CampingSpotID,EventID),

CONSTRAINT reservefk1 FOREIGN KEY(CampingSpotID) REFERENCES CampingSpot(CampingSpotID),

CONSTRAINT reservefk2 FOREIGN KEY(EventID) REFERENCES Visitor(EventID));

CREATE TABLE EventStand (

StandID int NOT NULL AUTO\_INCREMENT,

Name varchar(40) NOT NULL,

CONSTRAINT standpk PRIMARY KEY (StandID));

CREATE TABLE EventItem (

ItemID int NOT NULL AUTO\_INCREMENT,

Itemname varchar(40) NOT NULL,

Price double NOT NULL,

CONSTRAINT itempk PRIMARY KEY(ItemID));

CREATE TABLE PurchasedItem (

EventID char(10) NOT NULL,

StandID int NOT NULL,

ItemID int NOT NULL,

CONSTRAINT pitempk PRIMARY KEY(EventID,StandID,ItemID),

CONSTRAINT pitemfk1 FOREIGN KEY(EventID) REFERENCES Visitor(EventID),

CONSTRAINT pitemfk2 FOREIGN KEY(StandID) REFERENCES EventStand(StandID),

CONSTRAINT pitemfk3 FOREIGN KEY(ItemID) REFERENCES EventItem(ItemID));

CREATE TABLE LoanedItem (

EventID char(10) NOT NULL,

StandID int NOT NULL,

ItemID int NOT NULL,

Returned varchar(3) DEFAULT "No",

CONSTRAINT litempk PRIMARY KEY(EventID,StandID,ItemID),

CONSTRAINT litemfk1 FOREIGN KEY(EventID) REFERENCES Visitor(EventID),

CONSTRAINT litemfk2 FOREIGN KEY(StandID) REFERENCES EventStand(StandID),

CONSTRAINT litemfk3 FOREIGN KEY(ItemID) REFERENCES EventItem(ItemID));

CREATE TABLE TransactionLog (

Startdate date NOT NULL,

Starttime time NOT NULL,

Enddate date NOT NULL,

Endtime time NOT NULL,

AmountofDeposits int NOT NULL,

CONSTRAINT logpk PRIMARY KEY(Startdate,Starttime));

CREATE TABLE Transaction (

Startdate date NOT NULL,

Starttime time NOT NULL,

EventID char(10) NOT NULL,

Amount double NOT NULL,

CONSTRAINT transpk PRIMARY KEY(Startdate,Starttime,EventID),

CONSTRAINT transfk1 FOREIGN KEY(Startdate,Starttime) REFERENCES TransactionLog(Startdate,Starttime),

CONSTRAINT transfk2 FOREIGN KEY(EventID) REFERENCES Visitor(EventID));