CREATE TABLE Member

(

MemberID INT NOT NULL,

MemberFirstName VARCHAR(30) NOT NULL,

MemberLastName VARCHAR(30) NOT NULL,

Address VARCHAR(100),

City VARCHAR(50),

State VARCHAR(20),

Country VARCHAR(90),

Zip INT,

Phone VARCHAR(12),

Email VARCHAR(50),

PreferredVacLoc VARCHAR(50),

PremiumMembership VARCHAR(5),

CONSTRAINT Member\_PK PRIMARY KEY (MemberID)

);

INSERT INTO Member VALUES

(1,'Mary','Hart','255 Amherst Lane','Amherst','MA','USA',01003,'413-897-6543','mhart@amherstlane.com',500,'True'),

(2,'Charles','Montgomery','10 Charlotte Road','Austin','TX','USA',78610,'521-555-6666','gotexas@test.com',300,'False'),

(3,'Jorge','Calhoun','5068 Orlando Court','Orlando','FL','USA',32801,'786-321-8912','jcalhoun@monstermail.com',600,'True'),

(4,'Emily','Sharp','424 Stanbeck Place','Bradenton','FL','USA',34204,'941-234-0152','sharpland@csharp.com',300,'False'),

(5,'Thomas','Smith','21 Thompson Lane','Cleveland','OH','USA',44107,'424-852-9525','tsmitty@smithfamilyrocks.com',100,'False'),

(6,'Mark','Lewis','2502 Seaworthy Drive','Atlanta','GA','USA',30345,'770-982-1314','marlew@lakta.net',500,'True'),

(7,'Julie','Jacobs','425 Madison Park Drive','Nashville','TN','USA',37218,'615-952-2532','queenj@soundstuff.com',300,'True'),

(8,'Terry','Stewart','5226 University Drive','Plano','TX','USA',75023,'252-232-1157','stewbaby@planethane.net',800,'True'),

(9,'Donald','Parker','6811 Calista Road','Carlsbad','CA','USA',92008,'442-957-5322','parkhere@cccaltat.com',200,'True'),

(10,'Samuel','Dear','6262 Lakeland Drive','Techny','IL','USA',60082,'606-522-6690','sdear@aolmailx.com',400,'False'),

(11,'Alise','Jankovic','375 10th St NE','Washington','DC','USA',20004,'202-851-2522','alisej@uwad.edu',600,'False'),

(12,'Sebastien','Toms','2525 North Main Street','San Jose','CA','USA',95115,'902-559-9115','sebtom@sebserver.com',400,'False');

CREATE TABLE Employee

(

EmployeeID INT NOT NULL,

EmpFName VARCHAR(30) NOT NULL,

EmpLName VARCHAR(30) NOT NULL,

EmpEmail VARCHAR(50),

EmpPhone VARCHAR(25),

EmpCity VARCHAR(50),

EmpState VARCHAR(20),

EmpCountry VARCHAR(90),

CONSTRAINT Employee\_PK PRIMARY KEY (EmployeeID)

);

INSERT INTO Employee VALUES

(1,'David','Convoy','dconvoy@carolstravel.com','888-543-8932','Miami','FL','USA'),

(2,'John','Davidson','jdavidson@carolstravel.com','888-702-5912','Miami','Fl','USA'),

(3,'Emily','Sharp','esharp@carolstravel.com','020775095022','London',NULL,'England'),

(4,'Jerry','Hallowell','jhallowell@carolstravel.com','888-702-5912','Miami','FL','USA'),

(5,'Teresa','Wright-Maven','twright@caroltravel.com','888-702-5912','Miami','FL','USA'),

(6,'Edward','Hirsch','ehirsch@carolstravel.com','020782321540','London',NULL,'England');

CREATE TABLE Location

(

LocationID INT NOT NULL,

City VARCHAR(50) NOT NULL,

State VARCHAR(20),

Country VARCHAR(90) NOT NULL,

Latitude NUMERIC(8, 6),

Longitude NUMERIC(9, 6),

CityInformation TEXT,

CONSTRAINT Location\_PK PRIMARY KEY (LocationID)

);

INSERT INTO Location VALUES

(100,'Fort Lauderdale','FL','United States',26.120919,-80.135039,'Fort Lauderdale is famous for its beaches, arts, culture and events. From shopping on Las Olas Boulevard, to gondola rides on the canals, to a historic riverfront. Just two miles north of Port Everglades, you can experience a landscaped beachfront promena'),

(200,'Cincinnati','OH','United States',39.101692,-84.516371,'Whether it''s a weekend getaway, a family vacation or an annual conference, everyone falls in love with Cincinnati USA.

There are so many things to do, places to go, stores to shop, and restaurants to sample that no visit seems long enough. And if sports'),

(300,'Dublin',NULL,'Ireland',53.350068,-6.256696,'Looking for great things to do in Dublin? Plan a Dublin city break this year and discover the top things to do – the best Dublin hotels, tourist attractions, pubs, bars, restaurants, day trips in Dublin and more! Dublin, capital of the Republic of Ireland'),

(400,'Berlin',NULL,'Germany',52.519578,13.405218,'Berlin, Germany’s capital and cultural center, dates to the 13th century. Divided during the Cold War, today it''s known for its art scene, nightlife and modern architecture, such as Mies van der Rohe’s landmark Neue Nationalgalerie. Reminders of the city'''),

(500,'London',NULL,'England',51.507622,-0.117397,'London, England’s capital, set on the River Thames, is a 21st-century city with history stretching back to Roman times. At its centre stand the imposing Houses of Parliament, the iconic ‘Big Ben’ clock tower and Westminster Abbey, site of British monarch'),

(600,'Milan',NULL,'Italy',45.464398,9.186314,'Milan, a metropolis in Italy''s northern Lombardy region, is a global capital of fashion and design. Home to the national stock exchange, it’s a financial hub also known for its high-end dining and shopping. The Gothic Duomo di Milano cathedral and the San'),

(700,'Amherst','MA','United States',42.352118,-72.501716,'Milan, a metropolis in Italy''s northern Lombardy region, is a global capital of fashion and design. Home to the national stock exchange, it’s a financial hub also known for its high-end dining and shopping. The Gothic Duomo di Milano cathedral and the San'),

(800,'Paris',NULL,'France',48.8566,2.3522,'Paris, France''s capital, is a major European city and a global center for art, fashion, gastronomy and culture.'),

(900,'Chicago','IL','United States',41.8781,-87.6298,'The Windy City, Chicago is known for food and fun.'),

(1000,'Nashville','TN','United States',36.1627,-86.7816,'Nashville is the Music City, a burgeoning metropolis known for country music.'),

(1100,'Rome',NULL,'Italy',41.9028,12.4964,'Rome is the Eternal City, a centerpiece for history and food.'),

(1200,'New York','NY','United States',40.7128,-74.0059,'New York is the largest city in the United States, and a cultural melting point.'),

(1300,'Los Angeles','CA','United States',34.0522,-118.2437,'Los Angeles is the fashion and entertainment capital of the US west coast.');

CREATE TABLE Payment

(

PaymentID INT NOT NULL,

MemberID INT NOT NULL,

Amount MONEY,

PaymentType VARCHAR(25),

PaymentDate DATE,

PRIMARY KEY (PaymentID),

CONSTRAINT Payment\_FK1 FOREIGN KEY (MemberID) REFERENCES Member(MemberID)

);

INSERT INTO Payment VALUES

(1,1,60.00,'Visa','2015-08-01'),

(2,3,60.00,'Visa','2016-06-01'),

(3,6,60.00,'Check','2016-06-01'),

(4,7,60.00,'Visa','2016-08-01'),

(5,8,60.00,'Mastercard','2016-07-01'),

(6,9,60.00,'Visa','2016-06-01');

CREATE TABLE Itinerary

(

ItineraryID INT NOT NULL,

MemberID INT NOT NULL,

StartDate DATE,

EndDate DATE,

CONSTRAINT Itinerary\_PK PRIMARY KEY (ItineraryID),

CONSTRAINT Itinerary\_FK1 FOREIGN KEY (MemberID) REFERENCES Member(MemberID)

);

INSERT INTO Itinerary VALUES

(2,1,'2016-9-7','2016-9-9'),

(3,3,'2015-8-3','2015-9-3'),

(5,9,'2015-8-31','2015-9-2'),

(6,1,'2016-8-1','2016-8-5'),

(7,6,'2016-12-1','2016-12-1'),

(8,8,'2016-7-15','2016-7-16');

CREATE TABLE Attraction\_Categories

(

CategoryID INT NOT NULL,

Category VARCHAR(30) NOT NULL,

OpenDate DATE,

CloseDate DATE,

CONSTRAINT Attraction\_Categories\_PK PRIMARY KEY (CategoryID)

);

INSERT INTO Attraction\_Categories VALUES

(01,'Art','2016-1-1','2016-12-31'),

(02,'Fashion','3-1-2016','2016-11-30'),

(03,'Food','2016-1-1','2016-12-31'),

(04,'Museum','2016-1-1','2016-12-31'),

(05,'Music','2016-1-1','2016-12-31'),

(06,'Performance/Entertainment','2016-1-1','2016-12-31'),

(07,'Sporting Events','3-1-2016','2016-11-30'),

(08,'Statues and Monuments','3-1-2016','2016-11-30'),

(09,'Tours','2016-1-1','2016-12-31');

CREATE TABLE Attraction

(

AttractionID INT NOT NULL,

AttractionName VARCHAR(255) NOT NULL,

AttractionAddress VARCHAR(255),

City VARCHAR(255),

Zip VARCHAR(10),

LocationID INT NOT NULL,

Phone VARCHAR(50),

CategoryID INT NOT NULL,

Website TEXT,

EntryFee MONEY,

CONSTRAINT Attraction\_PK PRIMARY KEY (AttractionID),

CONSTRAINT Attraction\_FK1 FOREIGN KEY (CategoryID) REFERENCES Attraction\_Categories(CategoryID),

CONSTRAINT Attraction\_FK2 FOREIGN KEY (LocationID) REFERENCES Location(LocationID)

);

INSERT INTO Attraction VALUES

(1,'Cathedral of Santa Maria del Fiore','Piazza del Duomo','Milan','20121',600,'+39 02 7202 2656',04,'http://www.duomomilano.it/en',3),

(2,'Louvre Museum','4 Place du Louvre','Paris','75001',800,'+33 1 40 20 50 50',04,'http://www.louvre.fr/en',16.71),

(3,'KaDeWe','Tauentzienstraße 21-24','Berlin','10789',400,'+49 30 21210',02,'http://www.kadewe.de',0),

(4,'London Eye','South Bank of the River Thames, London Borough of Lambeth','London','SE1 7PB',500,NULL,08,'http://www.visitlondon.com/things-to-do/place/282783-coca-cola-london-eye',29.99),

(5,'British Museum','Great Russell St','London','WC1B 3DG',500,NULL,04,NULL,0),

(6,'National Gallery','Trafalgar Square','London','WC2N 5DN',500,NULL,01,NULL,0),

(7,'Tower of London','Tower Hill','London','EC3N 4AB',500,NULL,08,'http://www.hrp.org.uk/tower-of-london/',30.55),

(8,'Eiffel Tower','5 Avenue Anatole France','Paris','75007',800,'+33 892 70 12 39',08,'http://www.toureiffel.paris/',17),

(9,'Arc De Triomphe','Place Charles de Gaulle','Paris','75008',800,NULL,08,NULL,0),

(10,'Musee d''Orsay','1 Rue de la Legion d''Honneur','Paris','75007',800,'33140494814',01,NULL,0),

(11,'Jules Verne Restaurant','5 Avenue Anatole France','Paris','75007',800,'+33 892 70 12 39',03,NULL,0),

(12,'National History Museum of Los Angeles County','900 Exposition Blvd','Los Angeles','90007',1300,'1-213-763-3466',04,'http://www.nhm.org/site/',22),

(13,'Los Angeles County Museum of Art','5905 Wilshire Blvd','Los Angeles','90036',1300,'1-323-857-6000',01,'http://www.lacma.org/',15),

(14,'Dodger Stadium','1000 Elysian Park Ave','Los Angeles','90012',1300,'1-323-224-1507',07,'http://losangeles.dodgers.mlb.com/la/ballpark/index.jsp',0),

(15,'Hollywood Sign','Griffith Park','Los Angeles','90027',1300,NULL,08,'hollywoodsign.org',0),

(16,'Walt Disney Concert Hall','111 South Grand Ave','Los Angeles','90012',1300,'1-213-972-7483',05,'http://www.laphil.com/',25),

(17,'DASH','8420 Melrose Ave','Los Angeles','90069',1300,'1-323-782-6822',02,NULL,0),

(18,'Tony del Moro','Vicolo del Cinque, 36, 00153 Rome, Italy','Rome','153',1100,'39 065809165',03,'www.tonydelmoro.it',0),

(19,'Stadio Olimpico','Viale dei Gladiatori','Rome','135',1100,'39 0636851',07,'www.stadiumguide.com/olimpico',0),

(20,'Colosseum','Piazza del Coleseum 1','Rome','184',1100,'39 3386672861',08,'www.romeinformation.it',12),

(21,'Vatican','VIALE VATICANO','Rome','165',1100,'39 0669884676',01,'mv.vatican.it',27.5),

(22,'Teatro dell''Opera','Piazza Deniamino Gigli, 7','Rome','184',1100,'39 0648160255',05,'www.operaroma.it/',15),

(23,'Louis Vuitton','Piazza San Lorenzo in Lucina 41','Rome','186',1100,'39 668809520',02,'www.inromenow.com',0),

(24,'Ice Club','Via delia Madonna dei Monti','Rome','184',1100,'39 0697845581',06,'www.iceclubroma.it/',10),

(25,'Museo Nazionale di Castel Sant''Angelo',' Lungotevere Castello 50','Rome','193',1100,'39 06 32810',04,'www.castelsantangelo.beniculturali.it/',5),

(26,'Hip Zipper','1008 Forrest Ave','Nashville','37206',1000,'1 615-228-1942',02,'http://www.hipzipper.com/',0),

(27,'Frist Center for the Visual Arts','919 Broadway','Nashville','37203',1000,'1 615-244-3340',01,'http://fristcenter.org/',12),

(28,'Bridgestone Arena','501 Broadway','Nashville','37203',1000,'1 615-770-2000',07,'http://predators.nhl.com/',0),

(29,'Country Music Hall of Fame and Museum','222 Fifth Ave South','Nashville','37203',1000,'615-416-2001',04,'countrymusichalloffame.org',17.5),

(30,'Pancake Pantry','1796 21st Ave South','Nashville','37212',1000,'615-383-9333',03,'http://www.thepancakepantry.com/',0),

(31,'Grand Ole Opry','2804 Opryland Drive','Nashville','37214',1000,'800-See-Opry',05,'opry.com',0),

(32,'Coyote Ugly Saloon','154 Second Avenue','Nashville','37201',1000,'615-254-8459',06,'coyoteuglysaloon.com',15),

(33,'Ryman Auditorium','116 Fifth Ave. N','Nashville','37219',1000,'615-458-8700',08,NULL,12),

(34,'Tiger Tiger','29 Haymarket','London','SW1Y 4SP',500,'020 7930 1885',05,'tigertiger.co.uk',0),

(35,'Versace','183 Sloane Street','London','Sw1z 9QP',500,'020 7259 5700',02,'Versace.com',0),

(36,'Serpantine Gallery','Kensingtion Gardens','London','W2 3XA',500,'020 7402 6075',01,'Serpantinegalleries.com',10),

(37,'Abe Lincoln Statue','Parliament Square','London',NULL,500,NULL,08,NULL,0),

(38,'Coco Momo','79 Marylebone High Street','London','W1U 5JZ',500,'020 7486 5746',03,'foodandfuel.co.uk/cocomomo',0),

(39,'Stamford Bridge','Fulham Road','London','SW6 1HS',500,'0871 984 1905',07,'Chelseafc.com',0),

(40,'Natural History Museum','Cromwell Road','London','SW7 5BG',500,'020 7942 5200',04,'nhm.co.uk',0),

(41,'Wireless','Finsburry Park','London',NULL,500,'NA',06,NULL,0),

(42,'Willis Tower','233 S Wacker Dr','Chicago','60606',900,'312-875-0066',08,'http://theskydeck.com/',15),

(43,'Wrigley Field','1060 W Addison St','Chicago','60613',900,'773-404-2827',07,'chicago.cubs.mlb.com/chc/ballpark',0),

(44,'U.S. Celluar Field','333 W 35th St','Chicago','60616',900,'312-674-1000',07,'https://www.uscellular.com',0),

(45,'United Center','1901 W Madison St','Chicago','60612',900,'312-455-4500',07,'www.unitedcenter.com',0),

(46,'Science Museum','5700 S Lake Shore Drive','Chicago','60637',900,'773-684-1414',04,'http://www.msichicago.org/',20),

(47,'The Bean (Cloud Gate)','201 E Randolph St','Chicago','60601',900,'312-565-8000',01,'http://www.chicagotraveler.com/cloud-gate-chicago',0),

(48,'Doughnut Vault','400 North Franklin Street','Chicago','60654',900,'N/A',03,'thedoughnutvault.tumblr.com',0),

(49,'Portillo''s','100 West Ontario Street','Chicago','60654',900,'312-587-8910',03,'portillos.com',0),

(50,'Lou Malnati''s','432 North Well''s Street','Chicago','60654',900,'312-828-9800',03,'loumalnatis.com',0),

(51,'Kuma''s','2900 West Belmont Ave.','Chicago','60618',900,'773-604-8769',03,'kumascorner.com',0),

(52,'Big Star','1531 North Damen Ave.','Chicago','60622',900,'773-235-4039',03,'bigstarchicago.com',0),

(53,'Buckingham Fountain','301 S Columbus Dr','Chicago','60605',900,'312-742-7529',08,NULL,0),

(54,'Water Tower Place','835 N Michigan Ave','Chicago','60611',900,'312-440-3166',02,'https://www.shopwatertower.com/',18),

(55,'Broadway in Chicago','163 East Chestnut St','Chicago','60611',900,'800-775-2000',06,'http://broadwayinchicago.com/',25),

(56,'The Second City','1616 N Wells St','Chicago','60614',900,'312-337-3992',06,'www.secondcity.com',30),

(57,'Metro Chicago','3730 N Clark St','Chicago','60613',900,'773-549-4140',05,'http://metrochicago.com/',0),

(58,'Statue of Liberty','Liberty Island','New York','10004',1200,'(212) 363-3200',08,'http://www.nsp.gov',26),

(59,'The Metropolitan Art Museum','1000 5th Ave','New York','10028',1200,'(212) 5357710',01,'http://www.metmuseum.org',12),

(60,'Yankee Stadium','1 E 161st St.','New York','10451',1200,'(718) 293-4300',07,'http://www.yankees.com',0),

(61,'The American Museum of Natural History','79th St.','New York','10024',1200,'(212) 769-5100',04,'http://www.amnh.org',16),

(62,'Best Clubs in New York','245 8th Ave #192','New York','10011',1200,'(917) 300-8187',06,'http://www.bestclubsinnewyork.net',25),

(63,'Keens Steakhouse','72 W 36th St.','New York','10018',1200,'(212) 347-3636',03,'http://www.keens.com',0),

(64,'Rockwood Music Hall','196 Allen St.','New York','10002',1200,'(212) 477-4155',05,'http://www.rockwoodmusichall.com',29),

(65,'Fendi','598 Madison Ave','New York','10022',1200,'(212) 897-2244',02,'http://www.fendi.com',0),

(66,'National Gallery of Ireland','Merrion Sq. W','Dublin','D2',300,'353 1661 5133',01,'www.nationalgallery.ie',5),

(67,'National Museum of Ireland','Kildare St','Dublin','D2',300,'353 1 6777 444',04,'www.museum.ie',5),

(68,'Candon Kitchen','3 Candon Market, Granthan St','Dublin','8',300,'353 1 476 0125',03,'www.candonkitchen.ie',0),

(69,'Wllingtion Monument','Beacon Ln, Wellingtion','Dublin','TA21',300,'N/A',08,'www.nationaltrust.org.uk/wellington-monument',0),

(70,'Grange Castle Golf Club','New Nangor Rd, Clondrakine','Dublin','22',300,'01 464 1043',07,'www.grangecastlegc.com',30),

(72,'Eiffel Tower','5 Avenue Anatole France','Paris','75007',800,'33892701239',08,'http://www.toureiffel.paris/',26),

(73,'Seine River Cruise','Seine River','Paris','75007',800,'33180421',06,'http://viator.com',36),

(75,'Tour de France','Around France','Paris','75007',800,NULL,07,'http://en.parisinfo.com',0),

(76,'Le Marais','Aristocratic District','Paris','75001',800,NULL,02,'http://www.aparisguide.com',0);

CREATE TABLE Review

(

ReviewID INT NOT NULL ,

MemberID INT NOT NULL,

AttractionID INT NOT NULL,

Comment TEXT,

Rating INT,

CONSTRAINT Review\_PK PRIMARY KEY (ReviewID),

CONSTRAINT Review\_FK1 FOREIGN KEY (MemberID) REFERENCES Member(MemberID),

CONSTRAINT Review\_FK2 FOREIGN KEY (AttractionID) REFERENCES Attraction(AttractionID)

);

INSERT INTO Review VALUES

(2,3,5,'Absolutely Beautiful, its in the middle of the shopping district as well! It''s a must see',5),

(3,1,1,'Not what I expected. Just another cathedral in Europe - so many stairs to climb. They should really warn you.',2),

(4,6,11,'Food just OK, for the price. Make reservations early!',3),

(5,7,5,'Very cool! Lots of history.',5),

(6,2,20,'Touristy - be sure to ask for a guided tour.',3),

(7,4,10,'Best Museum in Paris',5),

(8,4,2,'Massive museum. Allot s much time as possible.',5),

(9,8,5,'Boring like most museums',2),

(10,2,21,'Excellent!',4),

(11,7,38,'Best breakfast in London',4),

(12,4,76,'Hundreds of stores and boutiques',5);

CREATE TABLE Reservation

(

ReservationID INT NOT NULL,

EmployeeID INT NOT NULL,

AttractionID INT NOT NULL,

Day DATE,

EstimatedTime VARCHAR(20),

NumberOfVisitors INT,

ReservationName VARCHAR(50),

ItineraryID INT,

OpenClosed VARCHAR(6),

CONSTRAINT Reservation\_PK PRIMARY KEY (ReservationID),

CONSTRAINT Reservation\_FK1 FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID),

CONSTRAINT Reservation\_FK2 FOREIGN KEY (AttractionID) REFERENCES Attraction(AttractionID),

CONSTRAINT Reservation\_FK3 FOREIGN KEY (ItineraryID) REFERENCES Itinerary(ItineraryID)

);

INSERT INTO Reservation VALUES

(1,1,1,'2015-08-01','10 AM',3,'Mary',3,'True'),

(2,2,1,'2015-09-01','12 PM',2,'Charles',5,'True'),

(3,1,1,'2016-12-01','09 AM',2,'Mary',7,'False'),

(5,3,4,'2016-09-07','10:30 AM',3,'Mary1',2,'False'),

(6,3,5,'2016-09-08','09 AM',3,'Mary2',2,'False'),

(7,3,7,'2016-09-09','2 PM',3,'Mary3',2,'False'),

(9,1,5,'2016-08-02','10 AM',2,'Evelyn',6,'True'),

(10,4,9,'2016-07-15','10 AM',5,'ParisAdventure1',8,'False'),

(11,4,2,'2016-07-15','11 AM',5,'ParisAdventure2',8,'False'),

(12,4,76,'2016-07-15','2 PM',5,'ParisAdventure3',8,'False'),

(13,4,11,'2016-07-15','7:30 PM',5,'ParisAdventure4',8,'False');

//Queries

/\*1. Current Member List: List all members in the database. Order by member last name and then first name.\*/

SELECT \*

FROM MEMBER

ORDER BY MemberLastName, MemberFirstName;

/\*2. Things to Do: Display all activities and their corresponding categories. Sort in ascending by category.\*/

SELECT \*

FROM ATTRACTION

ORDER BY CategoryID ASC;

/\*3. Cities and their Activities: List all attractions and their addresses, include their cities, states, and countries. Sort by Country and City.\*/

SELECT Attraction.AttractionID, Attraction.AttractionName, Attraction.AttractionAddress, Location.City, Location.State, Location.Country

FROM Attraction

FULL JOIN Location

ON Attraction.LocationID = Location.LocationID

ORDER BY Country, City;

/\*4. Closed Reservations: How many reservations has an employee completed? Show all completed reservations include reservation ID, reservation name, attraction name, day, employee name associated with reservation. Sort by reservation ID.\*/

SELECT Reservation.ReservationID, Reservation.OpenClosed, Reservation.Day, Reservation.ReservationName, Reservation.AttractionID, Employee.EmployeeID, Employee.EmpFName

FROM Reservation

FULL JOIN Employee

ON Reservation.EmployeeID = Employee.EmployeeID

WHERE Reservation.OpenClosed = 'FALSE';

ORDER BY ReservationID;

/\*5. Reservation Summary: List all reservations in the database. Display reservation ID, employee ID, attraction name, day, estimated time, number of visitors, and name the reservation is placed under. Order by day.\*/

SELECT \*

FROM Reservation

ORDER BY Day;

/\*6. Premium Members: List all premium members in the database, include all member information.\*/

SELECT \*

from MEMBER

WHERE PremiumMembership='TRUE';

/\*7. Museum Listing: Show all museums in their given cities, states, and countries. Order by City.\*/

SELECT AttractionName, City, AttractionAddress

from ATTRACTION

WHERE CategoryID='2'

ORDER BY City;

/\*8. City Information: Display information about Berlin, Germany, include city information, all attractions/sights and the associated categories.\*/

SELECT Location.CityInformation, Attraction.AttractionName, Attraction.CategoryID

From Location

FULL JOIN Attraction

ON Location.LocationID = Attraction.LocationID

WHERE Location.City LIKE 'Berlin'

AND Location.Country LIKE 'Germany';

/\*9. 3 Stars or Higher: Display members and their reviewer comments with a rating of 3 or higher.\*/

SELECT ReviewID, MemberID, Comment, Rating

FROM REVIEW

WHERE Rating > 3;

/\*10 Member City Attraction Search: a) Display a city (member’s choice) and country with the activities and sights in that city, include the categories of each of the attractions. Sort by category. b) Run the same query but give the member choice by country. Sort by city\*/

SELECT Location.City, Location.Country,

Attraction.AttractionName, Attraction.CategoryID

FROM Location

FULL JOIN Attraction

ON Location.LocationID=Attraction.LocationID

/\*11 Top Attractions Reserved: Display the top 5% attractions that have been reserved. List the attraction name, city, and entry fee.\*/

SELECT TOP 5 PERCENT Attraction.AttractionName, Attraction.City, Attraction.EntryFee

FROM Reservation

FULL JOIN Attraction

ON Reservation.AttractionID = Attraction.AttractionID;

/\*13 Total Reservation Cost: Calculate the total cost of entry to the attraction reserved. Display member name, attraction name, date, number of visitors, city, and entry fee. Sort by date\*/

SELECT Location.City, Location.Country,

Attraction.AttractionName, Attraction.CategoryID

FROM Location

FULL JOIN Attraction

ON Location.LocationID=Attraction.LocationID

ORDER BY CategoryID

SELECT Location.City, Location.Country,

Attraction.AttractionName, Attraction.CategoryID

FROM Location

FULL JOIN Attraction

ON Location.LocationID=Attraction.LocationID

ORDER BY City

/\*14 February Activities and Sights: Show all activities available in February. Display attraction name. Sort in ascending order\*/

SELECT AttractionName

FROM Attraction

WHERE CategoryID = 01

OR CategoryID = 03

OR CategoryID = 04

OR CategoryID = 05

OR CategoryID = 06

OR CategoryID = 09;

//15 September Reservations: Show all reservations in the month of September.

SELECT Reservation.Day, Reservation.ReservationID, Attraction.AttractionName,

Reservation.NumberOfVisitors, Reservation.ReservationName

FROM Reservation

FULL JOIN Attraction

ON Reservation.AttractionID =Attraction.AttractionID

//16 June Payments: Show all membership payments for the month of June.

Select \*

FROM Payment

WHERE PaymentDate LIKE '%-06-%';

//**Reports**

/\*1 Things To Do Report: Categories and activities within each category. List in ascending by category\*/

SELECT Attraction.AttractionName, Attraction\_Categories.CategoryID

FROM Attraction

FULL JOIN Attraction\_Categories

ON Attraction.CategoryID = Attraction\_Categories.CategoryID

ORDER BY Attraction\_Categories.Category ASC;

/\*2 Number of Visitors per Sight: Visited sights and their member counts. List in ascending by sight.\*/

SELECT Reservation.NumberOfVisitors, Attraction.AttractionName

FROM Reservation

FULL JOIN Attraction

ON Reservation.AttractionID = Attraction.AttractionID

ORDER BY Attraction.AttractionName ASC;

/\*4 Member Receipt: Premium membership payment receipt. This is an opportunity to see each member and their payment information (payment date, payment amount, and payment type)\*/

SELECT Payment.Amount, Payment.PaymentType, Payment.PaymentDate, Member.MemberFirstName, Member.MemberLastName

FROM Payment

FULL JOIN Member

ON Payment.MemberID = Member.MemberID;

//TRIGGER

CREATE TRIGGER WhoGoesThere on Member

FOR DELETE

AS DECLARE @MemID INT,

@MemFirstName VARCHAR(30),

@MemLastName VARCHAR(30),

@MemAddress VARCHAR(100),

@MemCity VARCHAR(50),

@MemState VARCHAR(20),

@MemCountry VARCHAR(90),

@MemZip INT,

@MemPhone VARCHAR(12),

@MemEmail VARCHAR(50),

@MemPreferredVacLoc VARCHAR(50),

@MemPremiumMembership VARCHAR(5);

SELECT @MemID = del.MemberID FROM DELETED del;

SELECT @MemFirstName = del.MemberFirstName FROM DELETED del;

SELECT @MemLastName = del.MemberLastName FROM DELETED del;

SELECT @MemAddress = del.Address FROM DELETED del;

SELECT @MemCity = del.City FROM DELETED del;

SELECT @MemState = del.State FROM DELETED del;

SELECT @MemCountry = del.Country FROM DELETED del;

SELECT @MemZip = del.Zip FROM DELETED del;

SELECT @MemPhone = del.Phone FROM DELETED del;

SELECT @MemEmail = del.Email FROM DELETED del;

SELECT @MemPreferredVacLoc = del.PreferredVacLoc FROM DELETED del;

SELECT @MemPremiumMembership = del.PremiumMembership FROM DELETED del;

INSERT INTO MemberAudit (

MemberID,

MemberFirstName,

MemberLastName,

Address,

City,

State,

Country,

Zip,

Phone,

Email,

PreferredVacLoc,

PremiumMembership)

VALUES ( @MemID,

@MemFirstName,

@MemLastName,

@MemAddress,

@MemCity,

@MemState,

@MemCountry,

@MemZip,

@MemPhone,

@MemEmail,

@MemPreferredVacLoc,

@MemPremiumMembership);