

IS 475/675 - Database Design & Implementation Project Part 2

Create Table Statements

Create Table tblModel

```
(  ModelNumber  char(6),
   Description   varchar(35) NOT NULL,
   Constraint    pkModelNumber Primary Key (ModelNumber)
);
```

Create Table tblCustomer

```
(  CustomerID   int Identity(1,1),
   FirstName    varchar(25) NOT NULL,
   LastName     varchar(25) NOT NULL,
   Constraint    pkCustomer Primary Key (CustomerID)
);
```

Create Table tblDistributor

```
(  DistributorID int Identity(1,1),
   Name          varchar(25) NOT NULL,
   Constraint    pkDistributor Primary Key (DistributorID)
);
```

Create Table tblFeature

```
(  FeatureID    int Identity(1,1),
   Description   varchar(35) NOT NULL,
   Constraint    pkFeature Primary Key (FeatureID)
);
```

Create Table tblRegistration

```
(  SerialNumber char(11),
   ModelNumber  char(6) NOT NULL,
   CustomerID   int NOT NULL,
   DistributorID int NOT NULL,
   Relationship  char(15) NOT NULL,
   PurchaseDate datetime NOT NULL,
   PricePaid    money NOT NULL Check (PricePaid > 0),
   Constraint    pkRegistration Primary Key (SerialNumber),
   Constraint    fkModelNumber Foreign Key (ModelNumber) References tblModel (ModelNumber),
   Constraint    fkCustomer Foreign Key (CustomerID) References tblCustomer (CustomerID),
   Constraint    fkDistributor Foreign Key (DistributorID) References tblDistributor (DistributorID)
);
```

Create Table tblRegFeature

```
(  RegFeatureID int Identity(1,1),
   SerialNumber char(11) NOT NULL,
   FeatureID    int NOT NULL,
   Constraint    pkRegFeature Primary Key (RegFeatureID),
   Constraint    fkRegistration Foreign Key (SerialNumber) References tblRegistration (SerialNumber),
   Constraint    fkFeature Foreign Key (FeatureID) References tblFeature (FeatureID)
);
```

Select Table Outputs

Models

	ModelNumber	Description
1	JCCSVU	Jeep Cherokee
2	JCSCNC	Jeep Compass
3	JGCSUV	Jeep Grand Cherokee
4	JLSFIM	Jeep Liberty
5	JPLEGA	Jeep Patriot
6	JRFJLC	Jeep Renegade
7	JWSCIA	Jeep Wrangler
8	T4RBCC	Toyota 4Runner
9	TCGGLI	Toyota Camry
10	THDKMA	Toyota Highlander
11	TPNFBE	Toyota Prius
12	TR4GGS	Toyota Rav4
13	TTAACT	Toyota Tundra
14	TTITIC	Toyota Tacoma
15	TYLLBD	Toyota Yaris

Customers

	CustomerID	FirstName	LastName
1	1	John	Mince
2	2	Noah	Smith
3	3	Kade	Thomson
4	4	Liam	Brown
5	5	Mason	Johnson
6	6	Jacob	Jones
7	7	Emma	Wood
8	8	Olivia	Parker
9	9	Adolf	Linker
10	10	Sophia	Scott
11	11	Emily	Ward
12	12	Madison	Foster
13	13	Aiden	Fredrickson
14	14	Rabnbie	Rogers
15	15	Karen	Gordon

Distributors

	DistributorID	Name
1	1	Deadmond Toy World
2	2	Toys Gone Viral
3	3	King of Kings
4	4	Engines for Kids
5	5	Once Upon My Car
6	6	Kids Have Toys
7	7	Cars Toys Cars
8	8	Motor Time
9	9	Dorphington
10	10	Market Kids
11	11	Expensive Much
12	12	Rich Kids
13	13	Super Fun Time
14	14	Auto Shop Stop
15	15	Ooops Kids Market
16	16	Further Down The Road

Features

	FeatureID	Description
1	1	Type of Toy (car, jeep, etc.)
2	2	Size
3	3	Color
4	4	Speed
5	5	Quality of Design
6	6	Level of Replication from Original
7	7	Safety Features
8	8	Cost
9	9	Sound Features
10	10	Other

Registrations

	SerialNumber	ModelNumber	CustomerID	DistributorID	Relationship	PurchaseDate	PricePaid
1	16047465-21	JLSFIM	6	4	Parent	2016-02-08 00:00:00.000	450.94
2	18068999-13	TR4GGS	6	1	Aunt/Uncle	2016-02-03 00:00:00.000	432.46
3	21737859-07	JPLEGA	1	7	Grandparent	2016-02-05 00:00:00.000	504.11
4	21737859-08	JLSFIM	7	15	Friend	2016-04-17 00:00:00.000	328.83
5	22342160-18	TR4GGS	1	6	Aunt/Uncle	2016-03-21 00:00:00.000	429.77
6	22559667-15	TTAACT	3	12	Parent	2016-02-17 00:00:00.000	354.75
7	23756459-23	TYLLBD	15	7	Parent	2016-01-30 00:00:00.000	491.76
8	25844953-12	TTITIC	11	2	Grandparent	2016-03-23 00:00:00.000	301.90
9	27969986-26	JPLEGA	3	9	Grandparent	2016-01-08 00:00:00.000	631.59
10	45332874-03	JRFJLC	4	5	Aunt/Uncle	2016-02-12 00:00:00.000	516.61
11	51352201-09	TCGGLI	10	3	Other Relative	2016-03-22 00:00:00.000	429.77
12	55162202-11	TPNFBE	8	9	Parent	2016-01-09 00:00:00.000	329.71
13	58513124-10	TYLLBD	4	6	Grandparent	2016-02-23 00:00:00.000	302.15
14	59482084-28	TCGGLI	5	4	Aunt/Uncle	2016-02-27 00:00:00.000	515.92
15	60011232-04	JWSCIA	15	8	Friend	2016-04-07 00:00:00.000	696.03
16	63388078-14	T4RBCC	5	8	Grandparent	2016-03-12 00:00:00.000	347.22
17	70359072-24	JRFJLC	7	1	Grandparent	2016-02-03 00:00:00.000	351.80
18	72557082-19	T4RBCC	2	11	Other Relative	2016-01-28 00:00:00.000	673.35
19	75042755-05	JWSCIA	9	3	Other Relative	2016-03-01 00:00:00.000	453.12
20	75100900-29	TTAACT	1	6	Parent	2016-04-14 00:00:00.000	302.15
21	76841161-25	JGCSUV	5	12	Other Relative	2016-03-22 00:00:00.000	453.12
22	78141265-27	TPNFBE	8	15	Aunt/Uncle	2016-04-18 00:00:00.000	350.54
23	79127520-30	TTITIC	8	2	Parent	2016-03-29 00:00:00.000	430.44
24	84901274-06	JCSCNC	12	5	Other Relative	2016-01-28 00:00:00.000	347.22
25	86821416-20	JWSCIA	9	8	Aunt/Uncle	2016-04-07 00:00:00.000	476.63
26	88345980-22	TYLLBD	3	10	Grandparent	2016-03-15 00:00:00.000	577.60
27	90109631-02	JCCSVU	6	1	Grandparent	2016-03-19 00:00:00.000	350.54
28	93374276-16	JGCSUV	12	3	Grandparent	2016-04-14 00:00:00.000	302.15
29	93934869-17	JCSCNC	8	5	Parent	2016-01-11 00:00:00.000	539.30
30	94590241-01	JGCSUV	2	8	Parent	2016-04-07 00:00:00.000	577.60

Registration Features

	RegFeatureID	SerialNumber	FeatureID
1	1	94590241-01	1
2	2	94590241-01	2
3	3	94590241-01	3
4	4	94590241-01	4
5	5	94590241-01	5
6	6	94590241-01	6
7	7	94590241-01	7
8	8	94590241-01	8
9	9	94590241-01	9
10	10	94590241-01	10
11	11	78141265-27	3
12	12	78141265-27	5
13	13	78141265-27	7
14	14	78141265-27	8
15	15	78141265-27	9
16	16	78141265-27	4
17	17	25844953-12	6
18	18	18068999-13	8
19	19	75042755-05	1
20	20	75042755-05	2
21	21	75042755-05	3
22	22	75042755-05	4
23	23	75042755-05	5
24	24	75042755-05	6
25	25	75042755-05	8
26	26	86821416-20	1
27	27	86821416-20	5
28	28	90109631-02	9
29	29	75100900-29	2
30	30	93934869-17	1