

```
1  USE [master]
2  GO
3
4  IF EXISTS (SELECT name FROM sys.databases WHERE name = N'TaxiServiceDB-sdd65')
5
6      BEGIN
7
8          ALTER DATABASE [TaxiServiceDB-sdd65] SET SINGLE_USER WITH ROLLBACK IMMEDIATE
9
10         DROP DATABASE [TaxiServiceDB-sdd65]
11
12     END
13
14 GO
15
16 /***** Object: Database [TaxiServiceDB-sdd65] *****/
17 CREATE DATABASE [TaxiServiceDB-sdd65]
18 GO
19
20 USE [TaxiServiceDB-sdd65]
21 GO
22
23 /***** Create the trip Table *****/
24 CREATE TABLE [dbo].[Trip]
25 (
26     [number] char(10) NOT NULL,
27     [Date] [datetime] NOT NULL,
28     [charge] [decimal](18,2),
29     [milage] [decimal](18,2),
30     [payment_no] int,
31     [Street_Code] [nchar](10),
32     [Driver_Id] [nchar](5),
33     CONSTRAINT [PK_Trip] PRIMARY KEY ([number] ASC)
34 )
35
36 /***** Create the Street Table *****/
37 CREATE TABLE [dbo].[Street]
38 (
39     [Street_Code] nchar(10) NOT NULL,
40     [StreetName] nchar(50),
41     [Zipcode] char(5),
42     [City_Code] nchar(5),
43     CONSTRAINT [PK_Street] PRIMARY KEY( [Street_Code] ASC)
44 )
45 /***** Create the City Table *****/
46 CREATE TABLE [dbo].[City]
47 (
48     [City_Code] nchar(5) NOT NULL,
49     [CountryName] nchar(50),
50     CONSTRAINT [PK_City] PRIMARY KEY ([City_Code] ASC)
51 )
52
```

```
53 /***** Create the Driver Table *****/
54 CREATE TABLE [dbo].[Driver]
55 (
56     [Driver_Id] nchar(5) NOT NULL,
57     [LastName] nchar(50),
58     [FirstName] nchar(50),
59     DateOfBirth datetime
60     CONSTRAINT [PK_Driver] PRIMARY KEY ([Driver_Id] ASC)
61 )
62
63 -- Creating the ServiceDB foreign key constraints
64
65 ALTER TABLE [dbo].[Trip] WITH CHECK ADD CONSTRAINT [FK_Trip_Street] FOREIGN KEY
66 ([Street_Code])
67 REFERENCES [dbo].[Street] ([Street_Code])
68 GO
69
70 ALTER TABLE [dbo].[Trip] WITH CHECK ADD CONSTRAINT [FK_Trip_Driver] FOREIGN KEY
71 ([Driver_Id])
72 REFERENCES [dbo].[Driver] ([Driver_Id])
73 GO
74
75 ALTER TABLE [dbo].[Street] WITH CHECK ADD CONSTRAINT [FK_Street_City] FOREIGN
76 KEY([City_Code])
77 REFERENCES [dbo].[City] ([City_Code])
78 GO
79
80 -- Insert data into serviceDB
81 -- Insert data into TaxiServiceDB
82 Insert into City Values('PHX','Phoenix-sdd65')
83 Insert into City Values('AUS','Austin-sdd65')
84 Insert into City Values('HOU','Houston-sdd65')
85
86 print 'The city data is now created'
87
88 Insert into Street Values('P345','Orange St','85040','PHX')
89 Insert into Street Values('H555','Main St','77019','HOU')
90 Insert into Street Values('A670','Castle Dr','78780','AUS')
91 Insert into Street Values('A987','Park Bend Dr','78758','AUS')
92 Insert into Street Values('P777','Lemon St','85048','PHX')
93
94 print 'The Street data is now created'
95
96 Insert into Driver Values('KS888','Wang','Mary','06-09-1990')
97 Insert into Driver Values('TO777','White','Tom','02-22-1988')
98 Insert into Driver Values('AC988','Wolfe','Jon','06-12-1976')
99 Insert into Driver Values('ML211','Smith','Ben','07-22-1977')
100
101 print 'The driver data is now created'
102
103 Insert into Trip Values(11,'01-01-2010',68.48,8.5,1110,'P345','KS888')
104 Insert into Trip Values(12,'01-02-2010',57.65,3.5,1116,'P777','AC988')
```

```
102 Insert into Trip Values(13, '01-03-2010', 48.4, 5.5, 8110, 'P345', 'KS888')
103 Insert into Trip Values(14, '01-04-2010', 38.8, 8.5, 7110, 'P777', 'KS888')
104 Insert into Trip Values(15, '01-05-2010', 168.8, 10.5, 1120, 'A987', 'ML211')
105 Insert into Trip Values(16, '01-05-2010', 18.48, 8.5, 2340, 'A987', 'T0777')
106 Insert into Trip Values(17, '01-05-2010', 58.8, 10.5, 7650, 'A670', 'ML211')
107 Insert into Trip Values(18, '01-08-2010', 65.8, 5.0, 1522, 'H555', 'ML211')
108 Insert into Trip Values(19, '01-09-2010', 68.8, 6.5, 1022, 'A987', 'AC988')
109 Insert into Trip Values(20, '01-10-2010', 74.4, 5.5, 1009, 'A987', 'ML211')
110 Insert into Trip Values(21, '01-11-2010', 55.2, 4.5, 1408, 'A670', 'ML211')
111 Insert into Trip Values(22, '01-11-2010', 175.3, 18.0, 1088, 'P345', 'KS888')
112 Insert into Trip Values(25, '01-11-2010', 168.8, 14.5, 2022, 'P777', 'AC988')
113 Insert into Trip Values(26, '01-11-2010', 55.2, 8.0, 2033, 'H555', 'ML211')
114 Insert into Trip Values(27, '01-11-2010', 68.4, 4.5, 2208, 'A987', 'ML211')
115 Insert into Trip Values(30, '01-16-2010', 68.4, 8.6, 3330, 'A670', 'ML211')
116 Insert into Trip Values(31, '01-17-2010', 75.4, 4.5, 3320, 'A987', 'AC988')
117 Insert into Trip Values(32, '01-18-2010', 55.4, 8.5, 3315, 'A987', 'AC988')
118 Insert into Trip Values(33, '01-19-2010', 68.4, 4.0, 3390, 'H555', 'ML211')
119 Insert into Trip Values(34, '01-20-2010', 128.4, 8.0, 5550, 'P345', 'KS888')
120 Insert into Trip Values(35, '01-21-2010', 68.4, 5.5, 5590, 'P777', 'KS888')
121 Insert into Trip Values(36, '01-22-2010', 55.0, .65, 9880, 'A670', 'AC988')
122 Insert into Trip Values(37, '01-23-2010', 75.2, 48.5, 9760, 'H555', 'ML211')
123 Insert into Trip Values(38, '01-24-2010', 68.8, 8.5, 8760, 'A987', 'ML211')
124 Insert into Trip Values(39, '01-25-2010', 68.8, 8.5, 7670, 'A987', 'AC988')
125 Insert into Trip Values(40, '01-26-2010', 155.0, 10.0, 6654, 'A987', 'ML211')
126 Insert into Trip Values(41, '01-27-2010', 68.0, 5.5, 3998, 'H555', 'ML211')
127 Insert into Trip Values(42, '01-28-2010', 75.0, 8.5, 8908, 'A670', 'ML211')
128 Insert into Trip Values(43, '01-29-2010', 68.8, 8.5, 4440, 'P345', 'KS888')
129 Insert into Trip Values(44, '01-30-2010', 55.2, 8.5, 4420, 'P777', 'AC988')
130 Insert into Trip Values(45, '01-31-2010', 68.8, 8.65, 4320, 'H555', 'T0777')
131 Insert into Trip Values(46, '02-01-2010', 68.8, 8.65, 4560, 'A670', 'AC988')
132 Insert into Trip Values(47, '02-02-2010', 57.6, 4.54, 4416, 'H555', 'ML211')
133 Insert into Trip Values(48, '02-03-2010', 75.3, 4.4, 4980, 'A987', 'ML211')
134 Insert into Trip Values(49, '02-04-2010', 55.2, 4.5, 9910, 'A987', 'AC988')
135 Insert into Trip Values(111, '02-05-2011', 68.8, 4.65, 9090, 'P777', 'KS888')
136 Insert into Trip Values(112, '02-06-2011', 68.8, 4.65, 9020, 'A670', 'AC988')
137 Insert into Trip Values(113, '02-07-2011', 68.8, 4.65, 9050, 'H555', 'T0777')
138 Insert into Trip Values(116, '02-08-2011', 55.2, 2.65, 9870, 'P345', 'T0777')
139 Insert into Trip Values(117, '02-09-2011', 75.3, 4.65, 9830, 'P777', 'T0777')
140 Insert into Trip Values(118, '02-10-2011', 68.4, 4.65, 9807, 'H555', 'T0777')
141 Insert into Trip Values(119, '02-11-2011', 68.4, 4.65, 6760, 'A670', 'AC988')
142 Insert into Trip Values(120, '02-12-2011', 55.4, 5.65, 6730, 'P345', 'AC988')
143 Insert into Trip Values(121, '02-13-2010', 68.48, 5.65, 6720, 'P777', 'KS888')
144 Insert into Trip Values(122, '02-14-2010', 75.43, 6.65, 6810, 'A987', 'T0777')
145 Insert into Trip Values(124, '02-15-2010', 28.8, 4.65, 6920, 'H555', 'T0777')
146 Insert into Trip Values(127, '02-16-2010', 30.2, 3.5, 5910, 'A670', 'ML211')
147 Insert into Trip Values(128, '02-17-2010', 68.4, 5, 6310, 'P345', 'AC988')
148 Insert into Trip Values(129, '02-18-2010', 20.4, 3.0, 2940, 'P345', 'KS888')
149 Insert into Trip Values(139, '02-19-2010', 105.4, null, 2900, 'A670', 'T0777')
150 Insert into Trip Values(991, '02-20-2012', 85.4, 11.5, 2970, 'H555', 'ML211')
151 Go
152
153 print 'The TaxiServiceDB-sdd65 is now created'
```