Project part 2 - Data Inserted:

1. Add constraints:

alter table MQ\_OFFLOC add constraint C\_OFF\_STATE check (LOC\_STATE= upper(LOC\_STATE));

alter table MQ\_OFFLOC add constraint C\_OFF\_CITY check (LOC\_CITY = upper(LOC\_CITY));

alter table MQ\_OFFLOC add constraint C\_OFF\_STREET check (LOC\_ST= upper(LOC\_ST));

alter table MQ\_VCLASS add constraint C\_VCL\_VNAME check (VC\_NAME = upper(VC\_NAME));

alter table MQ\_CUSTCOR add constraint C\_CUSTCOR\_CNAME check (CORP\_NAME = upper(CORP\_NAME));

alter table MQ\_CUST add constraint C\_CUST\_FNAME check (FNAME = upper(FNAME));

alter table MQ\_CUST add constraint C\_CUST\_LNAME check (LNAME = upper(LNAME));

alter table MQ\_COUPON add constraint C\_COUP\_DISC check (DISCOUNT>= 0);

alter table MQ\_SERV add constraint C\_VEHSEV\_EODO check (END\_ODO <=10000);

alter table MQ\_SERV add constraint C\_VEHSEV\_SODO check (STA\_ODO <=5000);

alter table MQ\_VEHOFF add constraint C\_VEOF\_CMILE check (CMILE <=600000);

alter table MQ\_OFFLOC add constraint C\_OFF\_LOCID check (LOC\_ID between 10 and 99);

alter table MQ\_SERV add constraint C\_SERV\_FKNO CHECK(INVNO = SERV\_NO);

2. Insert data:

2.1 Parent tables (4 tables: MQ\_OFFLOC, MQ\_CUST, MQ\_VCLASS, MQ\_INV):

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, FLOOR, LOC\_ZIPCODE, LOC\_PHONE)

values

(10, 'NEW YORK', 'NEW YORK', '01 GOLD', 5, 10001, '212-346-8192');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(11, 'CALIFORNIA', 'LOS ANGELES', '02 WEST ', 90032, '213-643-1554');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(12, 'ILLINOIS', 'CHICAGO', '03 EAST', 60628, '312-278-5773');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(13, 'TEXAS', 'HOUSTON', '04 NORTH', 77009, '281-952-0136');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, FLOOR, LOC\_ZIPCODE, LOC\_PHONE)

values

(14, 'CALIFORNIA', 'SAN DIEGO', '05 SOUTH ', 12, 92025, '415-745-7653');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(15, 'TEXAS', 'DALLAS', '06 NORTHEAST', 75206, '214-112-3650');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(16, 'OHIO', 'COLUMBUS', '07 SOUTHEAST', 43125, '614-387-5523');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(17, 'WASHINGTON', 'SEATTLE', '08 NORTHWEST', 98112, '206-832-9958');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, FLOOR, LOC\_ZIPCODE, LOC\_PHONE)

values

(18, 'MASSACHUSETTS', 'BOSTON', '09 SOUTHWEST', 3 ,02196, '617-663-0525');

Insert into **MQ\_OFFLOC**

(LOC\_ID, LOC\_STATE, LOC\_CITY, LOC\_ST, LOC\_ZIPCODE, LOC\_PHONE)

values

(19, 'MICHIGAN', 'DETROIT', '10 CENTER', 48277, '313-658-1728');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(1, 'I', 'MIKE', 'GREEN', 'NEW YORK', 'NEW YORK', '57th WEST', 305, 10019, 'MIKE01@gmail.com','212-348-1161');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(2, 'C', 'M.', 'G.', 'NEW YORK', 'NEW YORK', '68th AVE', NULL, 10020, 'ALLEN02@gmail.com','212-673-0028');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(3, 'I', 'SMITH', 'WHITE', 'TEXAS', 'HOUSTON', '101th NORTH', 124, 77009, 'SMITH03@gmail.com','281-984-1345');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(4, 'I', 'WARD', 'WOOD', 'NEW YORK', 'NEW YORK', '43th SOUTH', 305, 10019, 'WARD04@gmail.com','212-348-1161');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(5, 'I', 'JONES','HADE', 'CALIFORNIA','LOS ANGELES', '15th NORTHEAST', 112, 92025, 'JONES123@gmail.com','213-052-3730');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(6, 'I', 'MARY', 'WONDER', 'NEW YORK', 'NEW YORK', '72th NORTHWEST', 305, 10019, 'MARY06@gmail.com','212-963-5034');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(7, 'C', 'W.', 'T.', 'CALIFORNIA','LOS ANGELES', '125th SOUTHEAST', NULL, 90036, 'BLACK07@gmail.com','213-752-1356');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(8, 'I', 'BECKY', 'WHITE', 'NEW YORK', 'NEW YORK', '9th SOUTHWEST', 101, 10019, 'BECKY08@gmail.com','212-245-7308');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(9, 'I', 'TOM', 'SHEFFIELD', 'MASSACHUSETTS', 'BOSTON', '45th SOUTHWEST', 37, 02196, 'TOM09@gmail.com','212-583-0097');

INSERT INTO **MQ\_CUST**

(CUST\_ID, CUST\_TYPE, FNAME, LNAME, STATE, CITY, ST\_ADDR, APT, ZIPCODE, EMAIL, PHONE)

values

(10, 'I', 'JERRY','COOK', 'NEW YORK', 'NEW YORK', '9th SOUTHWEST', 54, 10019, 'JERRY10@gmail.com','212-132-4811');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN, INSCN,INSPN)values(1, 'LC001', 'SCN001', 'SPN001');

INSERT INTO **MQ\_CUSTCOR**

(CUST\_ID, CORP\_NAME, REGISTER\_NO, EMP\_ID)values(2,'APPLE','PD8895',1280);

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN, INSCN, INSPN)values(3, 'LC003', 'SCN003', 'SPN003');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(4, 'LC004', 'SCN004', 'SPN004');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(5, 'LC005', 'SCN005', 'SPN005');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(6, 'LC006', 'SCN006', 'SPN006');

INSERT INTO **MQ\_CUSTCOR**

(CUST\_ID, CORP\_NAME, REGISTER\_NO, EMP\_ID) values(7,'AMAZON','XD3565',4552);

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(8, 'LC008', 'SCN008', 'SPN008');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(9, 'LC009', 'SCN009', 'SPN009');

INSERT INTO **MQ\_CUSTIND**

(CUST\_ID, DLN,INSCN,INSPN)values(10, 'LC010', 'SCN010', 'SPN010');

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(1, 'SMALL', 35, 2);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(2, 'MID-SIZE', 40,2);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(3, 'FULL-SIZE', 50, 3);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(4, 'LUXURY', 150, 10);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(5, 'SUV', 60, 5);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(6, 'PREMIUM SUV', 80, 6);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(7, 'MINI VAN', 45, 3);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(8, 'STATION WAGON', 70, 4);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(9, 'BUS', 90, 6);

INSERT INTO **MQ\_VCLASS**(VCLASS\_ID, VC\_NAME, RENT\_CHARGE, EXTRA\_CHARGE)

values(10, 'ELECTRIC', 80, 5.5);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(1, '2019-03-18', 105.6);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(2, '2019-04-09', 95.2);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(3, '2019-04-21', 110.2);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(4, '2019-05-05', 93.4);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(5, '2019-07-01', 220.6);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(6, '2019-07-12', 150);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(7, '2019-07-30', 180.5);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(8, '2019-08-20', 130.92);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(9, '2019-10-08', 320.4);

INSERT INTO **MQ\_INV** (INVNO, INV\_DATE, INV\_AMOUNT)

VALUES(10, '2019-12-19', 280.2);

Child tables(4 tables: MQ\_VEH, MQ\_SERV, MQ\_COUPON, MQ\_PAY):

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(1, 'FORD', 'FUSION', 1995, 'VN001', 'LP001', 32450, 2.4, 2);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(2, 'CHEVY', 'TRAVERSE', 2020, 'VN002', 'LP002', 29800, 4.9, 7);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(3, 'FORD', 'FIESTA', 2001, 'VN003', 'LP003', 13648, 4.5, 1);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(4, 'HONDA', 'ACCORD', 2012, 'VN004', 'LP004', 25725, 3.5, 2);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(5, 'TOYOTA', 'CAMRY', 2009, 'VN005', 'LP005', 25250, 2.9, 2);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, VCLASS\_ID)

VALUES(6, 'CHEVY', 'VOLT', 2018, 'VN006', 'LP006', 23600, 10);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(7, 'BMW', '5-SERIES', 2016, 'VN007', 'LP007', 49500, 3.9, 2);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(8, 'TOYOTA', 'AVALON', 2018, 'VN008', 'LP008', 36800, 2.3, 3);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(9, 'NISSAN', 'ALTIMA', 2005, 'VN009', 'LP009', 29180, 3.2, 2);

INSERT INTO **MQ\_VEH** (VEH\_ID, MAKE, MODEL, VYEAR, VIN, LPN, PRICE, FUEL, VCLASS\_ID)

VALUES(10, 'LINCOLN', 'NAVIGATOR', 2016, 'VN010', 'LP010', 78500, 5.6, 4);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (1, 'IND', 90, '2018-02-12', '2020-01-01', '2019-03-12', 1);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, CUST\_ID)

VALUES (2, 'IND', 80, '2019-06-15', '2020-12-15', 3);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, CUST\_ID)

VALUES (3, 'COR', 75, '2018-06-24', '2019-05-24', 2);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (4, 'IND', 80, '2017-11-30', '2018-11-29', '2018-08-19', 3);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (5, 'COR', 95, '2015-08-21', '2018-02-20', '2017-11-27', 2);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (6, 'IND', 85, '2018-06-30', '2019-06-25', '2019-01-28', 1);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (7, 'IND', 60, '2018-08-16', '2019-01-15', '2018-09-08', 3);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, CUST\_ID)

VALUES (8, 'COR', 70, '2019-12-23', '2021-01-01', 7);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, USEDATE, CUST\_ID)

VALUES (9, 'IND', 70, '2019-12-23', '2020-12-26', '2020-01-06', 8);

INSERT INTO **MQ\_COUPON** (COUPON\_NO, COUP\_TYPE, DISCOUNT, STA\_DATE, EXP\_DATE, CUST\_ID)

VALUES (10, 'IND', 65, '2020-06-28', '2021-06-27', 9);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO, COUPON\_NO)

VALUES(1, '2019-03-12', '2019-03-18', '2019-03-18', 0.0, 19.08, 500, 10, 12, 1, 1, 1, 1);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO)

VALUES(2, '2019-04-08', '2019-04-09', '2019-04-09', 0.0, 220.93, 500, 10, 18, 3, 6, 2);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO, COUPON\_NO)

VALUES(3, '2019-04-17', '2019-04-21', '2019-04-21', 0.0, 218.67, 500, 13, 15, 7, 6, 3, 2);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO)

VALUES(4, '2019-05-03', '2019-05-05', '2019-05-05', 0.0, 216.23, 500, 18, 10, 9, 4, 10);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO)

VALUES(5, '2019-06-23', '2019-06-30', '2019-07-01', 0.0, 2781.5, 2500, 11, 10, 8, 7, 5);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO)

VALUES(6, '2019-07-05', '2019-07-12', '2019-07-12', 0.0, 190.5, 500, 11, 14, 5, 5, 6);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO, COUPON\_NO)

VALUES(7, '2019-07-18', '2019-07-29', '2019-07-30', 0.0, 1766.64, 2000, 10, 13, 6, 3, 7, 4);

??INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO)

VALUES(8, '2019-08-14', '2019-08-20', '2019-08-20', 0.0, 618.6, 500, 19, 10, 3, 10, 8);

??INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO, COUPON\_NO)

VALUES(9, '2019-09-25', '2019-10-07', '2019-10-08', 0.0, 2291.5, 2000, 16, 11, 8, 2, 9, 5);

INSERT INTO **MQ\_SERV** (SERV\_NO, SCHE\_TIME, PICKUP\_DATE, DROFF\_DATE, STA\_ODO, END\_ODO, ODOLIMIT, PICKUP\_LOC, DROFF\_LOC, VEH\_ID, CUST\_ID, INVNO, COUPON\_NO)

VALUES(10, '2019-11-25', '2019-12-17', '2019-12-19', 0, 2779.35, 2500, 11, 10, 5, 7, 10, 8);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (1,9205963010894630, 'C', 1);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (2,3487051350803826, 'D', 6);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (3,7400490238023508, 'C', 3);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (4,5324965405, 'G', 9);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (5,6783507208, 'G', 7);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (6,4794364589437525, 'C', 5);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (7,3895153408823893, 'D', 3);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (8,3759384794548078, 'D', 10);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (9,2504830298500504, 'C', 2);

INSERT INTO **MQ\_PAY** (PAYNO, CARD\_NO, METHOD, CUST\_ID) VALUES (10,8436054403850201, 'D', 7);

Intersect table (1 table: MQ\_INVPAY):

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (1, 1, '2019-03-18', 105.6, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (2, 6, '2019-04-09', 95.2, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (3, 3, '2019-04-21', 110.2, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (4, 9, '2019-05-05', 93.4, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (5, 7, '2019-07-01',220.6, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (6, 5, '2019-07-12',150, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (7, 3, '2019-07-30', 180.5, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (8, 10,'2019-08-20', 130.92, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (9, 2, '2019-10-09', 320.4, 'CLEARED');

INSERT INTO **MQ\_INVPAY** (INVNO, PAYNO, PAY\_DATE, PAY\_AMOUNT, PAY\_STATUS)

VALUES (10, 7,'2019-12-19', 280.2, 'CLEARED');

A picture containing graphical user interface, table

Description automatically generated

Graphical user interface

Description automatically generated