Query 1:
List each the loan payment (loan_no, payment_no, amount, method) that was paid and the payment was less than $15. (once a payment is done, the status of the payment will be “Paid”)

```
mysql> SELECT loan_no, payment_no, payment_amount, method
    -> FROM Payment
    -> WHERE status = 'Paid' AND payment_amount < '15.00';
+-----------+------------+----------------+----------+
| loan_no   | payment_no | payment_amount | method   |
+-----------+------------+----------------+----------+
| 111111111 | 1111       |          10.32 | By Check |
| 123456789 | 1234       |          14.20 | By Check |
+-----------+------------+----------------+----------+
2 rows in set (0.11 sec)
```

Query 2:
List all the customers (ssn, first name, last name) who have at least one account with balance more than $10000. Don’t list a customer twice if he/she has more than one account satisfy the condition.

```
mysql> SELECT c.ssn, c.fname, c.lname
    -> FROM Customer c, Account a, Owns o
    -> WHERE a.balance > 10000.00 AND c.ssn = o.ssn AND o.acc_no = a.acc_no
    -> GROUP BY c.ssn;
+-----------+-------+-------+
| ssn       | fname | lname |
+-----------+-------+-------+
| 999999999 | Kappa | Pride |
+-----------+-------+-------+
1 row in set (0.01 sec)
```

Query 3:
List all customers (ssn, first name, last name) who own less than 3 accounts.

```
mysql> SELECT c.ssn, c.fname, c.lname
    -> FROM Customer c
    -> WHERE (SELECT COUNT(*)
    ->        FROM Account a, Owns o
    ->        WHERE c.ssn = o.ssn AND o.acc_no = a.acc_no) < 3;
+-----------+-------+-------+
| ssn       | fname | lname |
+-----------+-------+-------+
| 321654987 | John  | Smith |
+-----------+-------+-------+
1 row in set (0.00 sec)
```

Query 4:
List all the customers (ssn, first name, last name, phone number) who own account ‘000000001’.

```
mysql> SELECT c.ssn, c.fname, c.lname, c.phone
    -> FROM Customer c, Account a, Owns o
    -> WHERE a.acc_no = '000000001' AND c.ssn = o.ssn AND o.acc_no = a.acc_no;
+-----------+-------+-------+------------+
| ssn       | fname | lname | phone      |
+-----------+-------+-------+------------+
| 999999999 | Kappa | Pride | 0000000000 |
+-----------+-------+-------+------------+
1 row in set (0.00 sec)
```

Query 5:
List each the loan payment (payment no, due_date) of “John Smith” that has been paid by check.

```
mysql> SELECT p.payment_no, p.due_date
    -> FROM Payment p, Customer c, Borrows b, Loan l
    -> WHERE c.fname = 'John' AND c.lname = 'Smith' AND p.method = 'By Check'
    ->       AND c.ssn = b.ssn AND l.loan_no = b.loan_no AND l.loan_no = p.loan_no;
+------------+------------+
| payment_no | due_date   |
+------------+------------+
| 0000       | 2016-03-20 |
+------------+------------+
1 row in set (0.00 sec)
```

Query 6:
List each the customer (ssn, first name, last name) who has at least one loan. List a customer only once even if the customer has more than two loan.

```
mysql> SELECT c.ssn, c.fname, c.lname
    -> FROM Customer c
    -> WHERE (SELECT COUNT(*)
    ->        FROM Loan l, Borrows b
    ->        WHERE c.ssn = b.ssn AND l.loan_no = b.loan_no) > 0
    -> GROUP BY c.ssn;
+-----------+-------+-------+
| ssn       | fname | lname |
+-----------+-------+-------+
| 321654987 | John  | Smith |
+-----------+-------+-------+
1 row in set (0.12 sec)
```

Query 7:
Retrieve all the loans that “John Smith” has. If a loan is shared by him and other customers, you should count it in. Please list John’s ssn and number of loans he has.

```
mysql> SELECT c.ssn, COUNT(*)
    -> FROM Customer c, Loan l, Borrows b
    -> WHERE c.ssn = b.ssn AND l.loan_no = b.loan_no AND c.fname = 'John' AND c.lname = 'Smith';
+-----------+----------+
| ssn       | COUNT(*) |
+-----------+----------+
| 321654987 |        2 |
+-----------+----------+
1 row in set (0.00 sec)
```

Query 8:
Retrieve the total account balance of a customer if a customer has more than 2 accounts. If an account is shared, you should also count it in. List ssn, number of accounts, and total balance.

```
mysql> SELECT c.ssn, COUNT(*), SUM(a.balance)
    -> FROM Customer c, Account a
    -> WHERE (SELECT COUNT(*)
    ->        FROM Account a, Owns o
    ->        WHERE c.ssn = o.ssn AND o.acc_no = a.acc_no) > 2;
+-----------+----------+----------------+
| ssn       | COUNT(*) | SUM(a.balance) |
+-----------+----------+----------------+
| 999999999 |        3 |       77000.00 |
+-----------+----------+----------------+
1 row in set (0.12 sec)
```