Task 01:

1) Find all branch names and cities with assets more than 1000000. (on single table)

	BRANCH_NAME	BRANCH_CITY	ASSETS
1	Redwood	Palo Alto	2100000
2	Perryridge	Horseneck	1700000
3	Round Hill	Horseneck	8000000
4	North Town	Rye	3700000
5	Brighton	Brooklyn	7000000

Task 02:

2) Find all account numbers and their balance which are opened in 'Downtown' branch or which have balance in between 600 and 750. (on single table)

	ACCOUNT_NUMBER	BALANCE
1	A-101	500
2	A-215	700
3	A-222	700
4	A-217	750
5	A-444	625

Task 03:

3) Find all account numbers which are opened in a branch located in 'Rye' city. (multiple tables)

	ACCOUNT_NUMBER
1	A-333
2	A-444

Task 04:

4) Find all loan numbers which have amount greater than or equal to 1000 and their customers are living in 'Harrison' city. (multiple tables)

	LOAN_NUMBER
1	L-17
2	L-15

Task 05:

5) Display the account related information based on the descending order of the balance. (order by clause)

	ACCOUNT_NUMBER	BRANCH_NAME	BALANCE
1	A-201	Perryridge	900
2	A-333	Central	850
3	A-217	Brighton	750
4	A-215	Mianus	700
5	A-222	Redwood	700
6	A-444	North Town	625
7	A-101	Downtown	500
8	A-102	Perryridge	400
9	A-305	Round Hill	350

Task 06:

6) Display the customer related information in alphabetic order of customer cities. (order by clause)

	CUSTOMER_NAME	CUSTOMER_STREET	CUSTOMER_CITY
1	Brooks	Senator	Brooklyn
2	Hayes	Main	Harrison
3	Jones	Main	Harrison
4	Johnson	Alma	Palo Alto
5	Adams	Spring	Pittsfield
6	Lindsay	Park	Pittsfield
7	Williams	Nassau	Princeton
8	Curry	North	Rye
9	McBride	Safety	Rye
10	Smith	Main	Rye
11	Majeris	First	Rye
12	Jackson	University	Salt Lake
13	Green	Walnut	Stamford
14	Turner	Putnam	Stamford
15	Glenn	Sand Hill	Woodside

Task 07:

7) Find all customer names who have an account as well as a loan. (intersect)

	CUSTOMER_NAME
1	Hayes
2	Jones
3	Smith

Task 08:

8) Find all customer related information who have an account or a loan. (union)

	CUSTOMER_NAME	CUSTOMER_STREET	CUSTOMER_CITY
1	Jones	Main	Harrison
2	Smith	Main	Rye
3	Hayes	Main	Harrison
4	Lindsay	Park	Pittsfield
5	Turner	Putnam	Stamford
6	Johnson	Alma	Palo Alto
7	Majeris	First	Rye
8	Curry	North	Rye
9	Williams	Nassau	Princeton
10	Adams	Spring	Pittsfield
11	Jackson	University	Salt Lake
12	McBride	Safety	Rye

Task 09:

9) Find all customer names and their cities who have a loan but not an account. (minus)

	CUSTOMER_NAME	CUSTOMER_CITY
1	Curry	Rye
2	Williams	Princeton
3	Adams	Pittsfield
4	Jackson	Salt Lake
5	McBride	Rye

Task 10:

	TOTAL_ASSETS
1	24600480

Task 11:

11) Find the average balance of accounts at each branch. (aggregate function)

	BRANCH_NAME	AVG(BALANCE)
1	Downtown	500
2	Mianus	700
3	Perryridge	650
4	Round Hill	350
5	Redwood	700
6	Brighton	750
7	Central	850
8	North Town	625

Task 12:

12) Find the average balance of accounts at each branch city. (aggregate function)

	BRANCH_CITY	AVG_BALANCE
1	Brooklyn	625
2	Horseneck	587.5
3	Palo Alto	700
4	Rye	737.5

Task 13:

13) Find the lowest amount of loan at each branch. (aggregate function)

	BRANCH_NAME	LOWEST_AMOUNT
1	Downtown	1000
2	Redwood	2000
3	Perryridge	1300
4	Mianus	500
5	Round Hill	900
6	North Town	7500
7	Central	570

Task 14:

14) Find the total number of loans at each branch. (aggregate function)

	BRANCH_NAME	NUM_OF_LOAN
1	Downtown	2
2	Redwood	1
3	Perryridge	2
4	Mianus	1
5	Round Hill	1
6	North Town	1
7	Central	1

Task 15:

15) Find the customer name and account number of the account which has the highest balance. (aggregate function)

	CUSTOMER_NAME	ACCOUNT_NUMBER	MAX_BALANCE
1	Johnson	A-201	900