Schema Bank

Bank.Clients

Primary Key

ClientId	FirstName	LastName	Phone	Email	State	Age	Type
1	John	Smith	703-543-3302	John@gmail.com	VA	33	Private
2	Jereny	Smith	723-543-3302	Jeremy@gmail.com	WA	19	Private
3	Long	Mark	722-366-5588	MarkLong@Yahoo.com	TN	41	Private
4	Bob	James	703-366-9632	bob@microsoft.com	VA	28	Business
5	Adam	Marcos	703-566-0000	adam@Marcos.com	CA	38	Business
6	Jason	Boley	345-234-9784	json@blabla.com	NY	31	Business
7	Tom	Soyer	572-223-5392	stom@hotmail.com	NJ	49	Private

Bank.Accounts

Primary Key

AccountNum	ClientId	Balance	Type
1	1	10200.00	CHECKING
2	1	3550.00	CREDIT
3	2	1001.00	CHECKING
4	2	150.00	CREDIT
5	3	1303.00	CHECKING
6	3	25000.00	SAVING
7	4	15731.00	CHECKING
8	4	31014.00	SAVING
9	5	1724.00	CHECKING
10	5	3043.00	CREDIT
11	5	79320.00	SAVING

Bank.Transactions

Primary Key

TransactionId	AccountNumFrom	AccountNumTo	Amount	TransactionTime	Status
1	1	2	150.00	2015-01-10 00:00:00.000	Pending
2	1	4	1000.00	2016-02-11 00:00:00.000	Commited
3	1	8	100.00	2016-04-01 00:00:00.000	Rejected
4	1	9	343.55	2017-01-18 00:00:00.000	Pending
5	2	9	36.70	2016-12-10 00:00:00.000	Commited
6	3	9	100.00	2016-12-12 00:00:00.000	Commited
7	5	9	1500.00	2015-01-10 00:00:00.000	Commited
8	5	10	1500.00	2016-06-13 00:00:00.000	Rejected
9	9	10	2300.00	2016-11-30 00:00:00.000	Commited
10	9	11	15000.00	2017-01-01 00:00:00.000	Commited

Foreign key

Foreign key

Foreign key

SQL Query tasks

Bank.Clients

1. Get all a data from Table Clients
2. Find all Clients with LastName ='Smith'
3. Get the **FirstName,LastName,Phone,State** for all clients from Virginia.
4. Get the **FirstName,LastName,Phone,Email** of all clients who have an Gmail account.
5. Get all data of client whose LastName starts from letter 'M'
6. Get all data of client whose LastName starts from letter 'M' and has the last letter 'S'
7. Get names and phones of all Business clients.
8. Get information about clients younger than 20.
9. Get information about clients whose age between 20 and 40.
10. Find Private Clients older than 30

Bank.Accounts

11. Show balances of all 'CREDIT' accounts.
12. Find all 'checking' accounts with Balance bigger than $2000.

Bank.Transactions

13. Find all 'Pending' transactions.
14. Find all 'commited' transactions made since '1-jan-2016'
15. Find all transactions made in 2016 year.

Send your homework to email Andrew.a4100@gmail.com for validation