Creating Database Table

WEEK 2

Northeastern University

Representatives

Smit Parmar

Abhilash Dikshit

Shamim Sherafati

Nastaran Zamanian

The tables are shown in the diagrams below:

Bank Entity

	ba_code	ba_name	ba_address	ba_type
1	1	Royal National Bank	1350 Georgia Street	Public
2	2	CIBC	555 Robson Street	Public
3	3	Canadian Western Bank	436 Duismuir Street	Private
4	4	National Bank of Canada	324 Homer Street	Private
5	5	Exchange Bank of Canada	245 Georgia Street	Public
6	6	BMO Financial Group	177 West Cordova Street	Private
7	7	B2B Bank	777 Richards Street	Public
8	8	The Bank of Nova Scotia	458 Granville Street	Private
9	9	Fairstone Bank of Canada	131 Burrard Street	Private
10	10	RFA Bank of Canada	439 Robson Street	Public

Employee Entity

	e_id	e_name	e_dob	e_dept	e_contact	e_address	e_age
1	984	Jack Brown	2002-05-17	HR	9081451073	52nd Avenue Surrey	23
2	2131	Smit Parmar	2000-07-20	Investment Planning	21846570194	177 Robson Street	21
3	2346	John Smith	1999-03-01	Marketing	4658962931	West Vancouver	39
4	4201	Sarah Nadi	1989-11-06	Investment Planning	8971256891	781 Duismuir Street	48
5	4703	Dave Park	1970-04-10	Corporate Services	9608512278	256 Metrotown	52
6	5349	Shamim Sherafati	1997-10-28	HR	687213456	768 Richards Street	25
7	6019	Justin Bieber	1994-08-29	Marketing	6354387654	2nd Avenue Surrey	22
8	6722	Jacquile Fernandez	1989-01-12	Investment Planning	7420638906	555 Seymour Street	33
9	7659	Abhilash Dikshit	1993-05-10	Marketing	2365744375	W 23 Cordova Street	29
10	7892	Nastaran Zamanian	1992-01-16	Corporate Services	1879578123	West Vancouver	30

Customer Entity

	c_id	c_name	c_dob	c_contact	c_address
1	983	Jack Brown	2002-05-17	9081451073	52nd Avenue Surrey
2	2130	Smit Parmar	2000-07-20	21846570194	177 Robson Street
3	2345	John Smith	1999-03-01	4658962931	West Vancouver
4	4200	Sarah Nadi	1989-11-06	8971256891	781 Duismuir Street
5	4702	Dave Park	1970-04-10	9608512278	256 Metrotown
6	5348	Shamim Sherafati	1997-10-28	687213456	768 Richards Street
7	6018	Justin Bieber	1994-08-29	6354387654	2nd Avenue Surrey
8	6721	Jacquile Fernandez	1989-01-12	7420638906	555 Seymour Street
9	7658	Abhilash Dikshit	1993-05-10	2365744375	W 23 Cordova Street
10	7891	Nastaran Zamanian	1992-01-16	1879578123	West Vancouver

Account Entity

	acc_no	acc_balance	acc_type	c_id	e_id	b_id
1	22045811	5000	Chequing	2130	2131	RN235
2	22045812	50000	Savings	7658	7659	C6778
3	22045813	10000	Money Market	5348	5349	CW275
4	22045814	2000	Investment	7891	7892	NB870
5	22045815	2000000	Retirement	4200	4201	EB783
6	22045816	10000	Certificates of Deposit	2345	2346	BM378
7	22045817	50000	Tax Free savings	983	984	B2739
8	22045818	90000	Disability	6721	6722	NSC34
9	22045819	80000	Savings	4702	4703	F6793
10	22045820	82000	Chequing	6018	6019	A4D67

Branch Entity

	b_id	b_name	b_address	ba_code
1	A4D67	RFA Bank of Canada Branch	439 Robson Street	10
2	B2739	B2B Bank Branch	787 Richards Street	7
3	BM378	BMO Financial Group Branch	177 West Cordova Street	6
4	C6778	CIBC Branch ATM	787 Richards Street	2
5	CW275	Canadian Western Bank Bra…	436 Duismuir Street	3
6	EB783	Exchange Bank of Canada B…	245 Georgia Street	5
7	F6793	Fairstone Bank of Canada	131 Burrard Street	9
8	NB870	National Bank of Canada B…	324 Homer Street	4
9	NSC34	The Bank of Nova Scotia B…	458 Granville Street	8
10	RN235	Royal National Bank Branc…	1350 Georgia Street	1

Loan Entity

	loan_type	loan_id	loan_amount	loan_duration	loan_interest	c_id	b_id
1	Debt Consolidation	426436795	140000	3	10.60	983	B2739
2	Personal	426436789	50000	12	3.40	2130	RN235
3	Credit-Builder	426436794	100000	6	5.30	2345	BM378
4	Home Equity	426436793	54000	36	9.35	4200	EB783
5	Student	426436797	20000	12	12.99	4702	F6793
6	Student	426436791	40000	24	12.99	5348	CW275
7	Mortgage	426436798	900000	68	3.01	6018	A4D67
8	Payday	426436796	15000	1	8.40	6721	NSC34
9	Auto	426436790	55000	24	5.28	7658	C6778
10	Mortgage	426436792	90000	56	3.01	7891	NB870

Relational Databases

#	FK Name	Parent table	name	(No column name)	Refrenced table	name	(No column name)
1	fk_account_c_id	account	c_id	cp.column_id	customer	c_id	cr.column_id
2	fk_account_eid	account	e_id	cp.column_id	employee	e_id	cr.column_id
3	fk_account_b_id	account	b_id	cp.column_id	branch	b_id	cr.column_id
4	fk_branch_ba_code	branch	ba_code	cp.column_id	bank	ba_code	cr.column_id
5	fk_loan_c_id	loan	c_id	cp.column_id	customer	c_id	cr.column_id
6	fk_loan_b_id	loan	b_id	cp.column_id	branch	b_id	cr.column_id

#	b_id	b_name	ba_code
1	A4D67	RFA Bank of Canada Branch	10
2	B2739	B2B Bank Branch	7
3	BM378	BMO Financial Group Branch	6
4	C6778	CIBC Branch ATM	2
5	CW275	Canadian Western Bank Bra…	3
6	EB783	Exchange Bank of Canada B…	5
7	F6793	Fairstone Bank of Canada	9
8	NB870	National Bank of Canada B…	4
9	NSC34	The Bank of Nova Scotia B…	8
10	RN235	Royal National Bank Branc…	1

#	acc_no	b_id	acc_balance
1	22045811	RN235	5000
2	22045812	C6778	50000
3	22045813	CW275	10000
4	22045814	NB870	2000
5	22045815	EB783	2000000
6	22045816	BM378	10000
7	22045817	B2739	50000
8	22045818	NSC34	90000
9	22045819	F6793	80000
10	22045820	A4D67	82000

	ba_name	ba_address	ba_type
1	Royal National Bank	1350 Georgia Street	Public
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3	Canadian Western Bank	436 Duismuir Street	Private
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8	The Bank of Nova Scotia	458 Granville Street	Private
9	Fairstone Bank of Canada	131 Burrard Street	Private
10	RFA Bank of Canada	439 Robson Street	Public

	c_name	loan_type	loan_amount	loan_duration	loan_interest
1	Jack Brown	Debt Consolidation	140000	3	10.60
2	Smit Parmar	Personal	50000	12	3.40
3	John Smith	Credit-Builder	100000	6	5.30
4	Sarah Nadi	Home Equity	54000	36	9.35
5	Dave Park	Student	20000	12	12.99
6	Shamim Sherafati	Student	40000	24	12.99
7	Justin Bieber	Mortgage	900000	68	3.01
8	Jacquile Fernandez	Payday	15000	1	8.40
9	Abhilash Dikshit	Auto	55000	24	5.28
10	Nastaran Zamanian	Mortgage	90000	56	3.01