

# CS 335 — Software Development

Databases

March 16–20, 2009

Examples adapted from Silberschatz, Korth, and Sudarshan, *Database System Concepts*, 2/e, McGrawHill, 2006.

<i>customer</i>			
<i>customer_name</i>	<i>customer_id</i>	<i>customer_street</i>	<i>customer_city</i>
Adams	0001	Spring	Pittsfield
Brooks	0002	Senator	Brooklyn
Curry	0003	North	Rye
Glenn	0004	Sand Hill	Woodside
Green	0005	Walnut	Stamford
Hayes	0006	Main	Harrison
Johnson	0007	Alma	Palo Alto
Johnson	0008	Nassau	Princeton
Jones	0009	Main	Harrison
Lindsay	0010	Park	Pittsfield
Smith	0011	North	Rye
Turner	0012	Putnam	Stamford
Williams	0013	Nassau	Princeton

	<i>branch</i>	
<i>branch_name</i>	<i>branch_city</i>	<i>assets</i>
Brighton	Brooklyn	7100000
Downtown	Brooklyn	9000000
Mianus	Horseneck	400000
North Town	Rye	3700000
Perryridge	Horseneck	1700000
Pownal	Bennington	300000
Redwood	Palo Alto	2100000
Round Hill	Horseneck	8000000

<i>account</i>		
<i>account_number</i>	<i>branch_name</i>	<i>balance</i>
A-101	Downtown	500
A-102	Perryridge	400
A-201	Brighton	900
A-215	Mianus	700
A-217	Brighton	750
A-222	Redwood	700
A-305	Round Hill	350

<i>depositor</i>	
<i>customer_id</i>	<i>account_number</i>
0006	A-102
0007	A-101
0007	A-201
0009	A-217
0010	A-222
0011	A-215
0012	A-305

<i>loan</i>		
<i>loan_number</i>	<i>branch_name</i>	<i>amount</i>
L-11	Round Hill	900
L-14	Downtown	1500
L-15	Perryridge	1500
L-16	Perryridge	1300
L-17	Downtown	1000
L-23	Redwood	2000
L-93	Mianus	500

<i>borrower</i>	
<i>customer_id</i>	<i>loan_number</i>
0001	L-16
0003	L-93
0006	L-15
0002	L-14
0009	L-17
0011	L-11
0011	L-23
0013	L-17