



Rajarata University of Sri Lanka
Faculty of Applied Sciences
Department of Computing
ICT 1407– Database System
COM 1302 -Database Management System
Practical 05

Consider the following schema.

bank (BankCode, name, registration)

branch (BranchNumber, _BankCode, _name, address)

account_type (AccTypeCode, name, interest_rate, description)

account(AccountNo, balance, BankCode, BranchNumber, AccType)

customer (CusID, NIC, name, address, phone)

belongs (CustomerID, Anumber)

bank

<u>BankCode</u>	name	Registration
Seyln	Seylan Bank	001ABCD
CSBLd	Ceylinco Savings Bank (Pvt)Ltd	002ABCE
ABcde	Test	00992038

branch

<u>BranchNumber</u>	BankCode	Name	Address
5	Seyln	Kollupitiya	101_Galle Road_Kollupitiya
3	Seyln	Kollupitiya	24_Galle Road_Colombo 3
1	CSBLd	Bambalapitiya	55_R.A.De Mel Mawatha_Colombo 04



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account_type

<u>AccTypeCode</u>	Name	interest_rate	description
SAVING	Standard Savings	7.00	Personal savings account
CHECK	Standard Checking	0.00	Personal checking Account

account

<u>AccountNo</u>	Balance	BankCode	BranchNumber	AccType
1234567890	10000.00	Seyln	5	SAVING
1232425643	12892.78	Seyln	5	CHECK
6356890630	5987.78	Seyln	3	SAVING
2345565476	34456.98	Seyln	5	CHECK

customer

<u>CusID</u>	NIC	name	address	Phone
11111	781111111V	Sampath Wijesinghe	234_Moratuwa	077- 7625384
22222	628888888V	A.S.P. Fernando	115_Silva Rd_Ratmalana.	011- 2826749
33333	770923904V	W.D.Zaheer	24_greegory's Rd_ Colombo 07	077- 6729349



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belongs

<u>CustomerID</u>	<u>Anumber</u>
11111	1234567890
11111	1232425643
22222	2345565476
33333	6356890630

1. Create database called “Bank” and create above tables using appropriate data types and add primary keys and create relations using foreign keys.
2. Insert the values.
3. Update the interest rate of the “CHECK” account to 7.5%.
4. Delete “Test” bank from the Bank table.
5. Retrieve customers name and contact information.
6. Retrieve the account number with the customer name of accounts that belongs to Sampath Wijesinghe.
7. Retrieve all branch numbers, bank code and balance which has balance greater than 10,000.