

1. Create the tables **BANKDETAILS** and **BRANCHDETAILS** with the following columns.

BANKDETAILS
BankID int not null Identity(1001,1) Primary Key
BankName varchar(50) not null Unique

BRANCHDETAILS
BankID int not null
BranchCode varchar(6) not null
BranchName varchar(30) not null
IFSC Code varchar(11) not null unique
Address varchar(60)
District varchar(30)
State varchar(30)
ContactPerson varchar(25)
ContactNumber numeric(10,0)
EmailID varchar(50)

2. Modify the table “**BranchDetails**” to do following operations:
 - ⤴ add primary key constraint on BranchCode
 - ⤴ add foreign key constraint on BankID and ensure that the modifications performing on base table are affected to the child table as well.
 - ⤴ IFSC Code – 4 characters of BankName + BranchCode (Total Length should be 11 characters. If the BranchCode is not of 7 characters, concatenate 0s before its value)

3. Insert the following data in the above two tables.

BANKDETAILS:

BANKID	BANKNAME
1001	STATE BANK OF INDIA
1002	ICICI BANK
1003	AXIS BANK
1004	BANK OF AMERICA

BRANCH DETAILS:

BankId	Branch Code	Name	IFSC Code	Address	District	State	Contact Person	Contact Number	Email Id
1001	15084	Jubilee Hills	SBIN0015084	Silver Square,	Hyderabad	Andhra Pradesh	Anand	8008570355	Anand.bm@sbi.com

				Opp.Cro ma Electroni c Show Room, Road No.36					
1001	14676	Cyber Gateway	SBIN001 4676	Plot 63, Arunoda ya Colony, Near Hitech Cinema Hall Lane	Hyderaba d	Andhra Pradesh	Ravi	996612226 1	Ravi.k@sbi. com
1001	13499	Mahavir Nagar	SBIN001 3499	Breezy Corner, Opp. Panchshe el Heights, Mahavir Nagar	Mumbai	Maharast ra	Sumit	022- 28684079	Sumit.m@sbi.com
1002	1804	Nanakra m Guda	ICIC000 1804	financial Dist., Plot No - 12, Gachibo wli	Hyderaba d	Andhra Pradesh	Kishore Kalap	995961754 2	Kishore_k@i cicibank.com
1003	70	Guntur	UTIB000 0070	1st Floor, P R Raju Plaza 11- 1-1 Naaz Centre	Guntur	Andhra Pradesh	NULL	0863- 522001	NULL
1002	337	Pune - Satara Road	ICIC000 0337	Somshan kar Chamber s, Plot - 1, Kaka Halwai Estate, Opp. City Pride	Pune	Maharas htra	NULL	022 - 67574314 / 4322	NULL

3. Answer the following queries with help of the given two tables:

- (a) Find the number of branches added for 1002.
- (b) Display all the details of BranchDetails table, ensure that ContactPerson is set to “NOT KNOWN” in the result set, When it is NULL.
- (c) Find the number of branches added for each bank and display them only when number of branches are greater than 2.
- (d) Display the Branch details along with its Bank details in sorted order based on BankID.
- (e) Display the Andhra Pradesh branch details for State Bank of India.
- (f) Create a View to display BranchCode, Name, IFSC Code, First three letters of District, State, and ContactNumber.
- (g) Create a Procedure with input parameters to add new branch details and display the corresponding status message using output parameter.

Branch Details are as follows:

Branch Name – Bank of America, Chennai
BranchCode – CN6215
State – TamilNadu
District – Chennai
Address – 748 ANNA SALAI, MOUNT ROAD
Contact Person – RAJIV RANJAN
IFSC code – BOFA0CN6215