**Create a database for Banking Transactions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Branch** | **Account** | **Customer** | **Depositors** |
| **Branch\_Id** | **id** | **Customer\_name** | **Id** |
| **Branch\_name** | **Account\_number** | **Customer\_street** | **Customer\_name** |
| **Branch\_city** | **Branch\_Id** |  | **Account\_number** |
| **Assets** | **Status** | **Customer\_city** |  |
|  | **Balance** |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Account\_number** | **Balance** | **Name** | **City** | **Address** | **Phone** | **Branch\_city** | **Branch\_name** | **Status** |
| **A-101** | **4500.00** | **Himel** | **Chittagong** | **Agrabad** | **01815648616** | **Chittagong** | **Dewanhat** | **Deposit** |
| **A-102** | **4000.00** | **Sumon** | **Chittagong** | **Boropol** | **01813285222** | **Halishahar** | **Deposit** |
| **A-201** | **9000.00** | **Sorif** | **Dhaka** | **Dhanmondi-32** | **01670043742** | **Dhaka** | **Dhanmondi** | **Withdraw** |
| **A-215** | **7000.00** | **Tanvir** | **Dhaka** | **Elephant Road** | **01733450254** | **Elephant Road** | **Withdraw** |
| **B-300** | **4000.00** | **Lira** | **Dhaka** | **Mirpur-10** | **01717366575** | **Mirpur** | **Deposit** |
| **A-217** | **7500.00** | **Mim** | **Barisal** | **Jhalakathi** | **01683810270** | **Barisal** | **Jhalakathi** | **Deposit** |
| **C-401** | **5000.00** | **Sahanaj Begum** | **Rangpur** | **Kurigram** | **01813222564** | **Rangpur** | **Kurigram** | **Withdraw** |
| **C-402** | **3000.00** | **Rifat** | **Benapole** | **Benapole** | **01948751235** | **Jessore** | **Benapole** | **Withdraw** |

1. Create a Non-Clustered index
2. Create a Store procedure to insert data
3. Create a View show the all information
4. Create a function to display total Balance of each user accountnumber
5. Create a Table Valued function to display total Details of customer through each user accountnumber
6. Create a trigger When user will deposit balance, deposit balance will be added with previous balance,

in same way when user will withdraw balance the withdraw balance will be reduce from previous balance

but also restricted user can not withdraw less than 500 and

also restricted user can withdraw balance until previous balance is 500

1. Insert a values with a view using triggerCreate a trigger When You will update, update value will be added your main balance, in same way when you will withdraw money the money will be reduce to your main balance but also remember that you should restricted where user can not withdraw less than 500 and also restricted user can not withdraw Balance where You have to minimum Balance 500 in your Main Balance.