

PLSQL Mini Project

1. Create the following Table:

Bank

Column	Data Type	Length	Constraint
Account_Number	Integer		Primary Key
Bank_Name	Varchar2(20)	30	Not Null
Amount	Number	(10,2)	Not Null

2. Create a Package Bank_Transaction that contains the following Methods
 - a. Procedure NEW_ACCOUNT that will take 3 arguments Account_Number, Bank_Name, Amount and Insert these values into the Bank Table.
 - b. Procedure Account_Transaction that will take 3 Arguments Account_Number, Transaction_Amount and Transaction_Type(Withdrawal/Deposit). If the Withdrawal then deduct else Deposit then add to the Amount. Maintain an minimum balance of 5000.
 - c. Procedure Close_Account that take one argument Account_Number that will delete the record from the Bank table.
 - d. Create a Private Function Return_Boolean that returns True if account number is found in the Bank table else return False. Call this function in all the procedures.
 - e. Handle Exceptions for all the methods.
3. Create a Table as follows:

Audit_Table:

Column	Datatype	Length
Account_Number	Integer	
Transaction_Date	Timestamp	
Transaction_Type	Char	1

4. Create a Trigger for Insert, Update or delete on Bank table that will insert the current transaction in the Audit_Table. If the user Insert into the Bank Table then Insert the New Account number, Current date and Time and Transaction Type as 'I', if the user updates the Account Number then Insert into the Bank table as Old Account Number, Date and Time and Type as 'U', and if the user Deletes the row then insert Old Account Number, Date and Time and Type as 'D'.