**Typescript Exercise**

1. **Create a bank application which has below features:**

The Exercise should implement OOP concepts.

When the program runs , user should be shown below options:

* Create New Account:

When the user selects create account, he/she should have below option :

* Savings Account
* Current Account

If user selects any of the above account, he/she should fill below details:

Customer Name

Age: user age should not be greater than 68 years.if the user age greater than 68, message should be displayed that “You are not eligible for account opening.”

* Location:
* State:
* Country:
* Email ID: Check email pattern

Account number should be generated randomly:

If its Saving Account,then Account Number should be be Prefix with **Sav** and for current Account it should be prefix with **Curr**

* Saving Account:

Initial amount to be deposited: Minimum balance in saving account should be 500 and if its current account it should be 800.

Both the accounts(Savings/Current) should have Withdraw and Deposit method:

When a user wants to withdraw money, check the current balance of an user. If the balance is less than the amount to be withdrawn, a message should be displayed “you cannot withdraw the amount due to insufficient balance.”

When the user want to deposit money, display the initial balance and after depositing the money, display the total balance.

* **Current Account:**

User can deposit money in Current Account. Minimum balance should be 1000.

If the user wants to withdraw amount which is greater than balance,message should be displayed that Balance is less and u need to use OverDraft.

User can deposit money same as Savings Account.

* **Show Balance:**

User needs to enter the name to check Balance.

* 3. **Display Account Details:**

  Based on User Account number, below details should be displayed:

1. Customer Name
2. Email ID
3. Type of Account
4. Total Balance