**Assignment**

 Implement **PIN Change Feature**:

* Add a new option in the menu method to allow users to change their PIN.
* Ensure that the user has to enter the correct current PIN before they are allowed to set a new one.

 **Lock the ATM after Three Incorrect PIN Attempts**:

* Implement a mechanism where the ATM locks itself after three incorrect PIN entries in a row.

 **Implement Account Statement Feature**:

* Add a feature that keeps track of all transactions (deposits and withdrawals) and allows the user to view an account statement.

 **Implement Minimum Balance Warning**:

* Implement a warning if the balance goes below a certain threshold after a withdrawal.

 **Add Exception Handling for Non-Numeric Input**:

* Implement exception handling to ensure the program does not crash if the user inputs non-numeric values when asked to input an amount or select a menu option.

 **Create Multiple Accounts**:

* Modify the program to handle multiple accounts. Each account should have its own PIN and balance.
* Allow the user to select which account to operate on at the start.

 **Add a Logout Option**:

* Add an option to log out of the current account and allow another user to log in without restarting the program.

 **Implement Interest Calculation**:

* Implement a method that calculates and adds interest to the balance if the balance is positive. This could be done monthly or yearly, depending on your design.

 **Display User-Friendly Messages**:

* Enhance the user experience by displaying more user-friendly messages and confirmation prompts.