**Assignment #2**

Assume that a bank maintains two kinds of accounts for customers:

a savings account and the other as a current account.

The savings account provides compound interest and withdrawal facilities but no cheque book facility.

The current account provides a chequebook facility but no interest.

Current account holders should also maintain a c, and if the balance falls below this level, a service charge is imposed.

Create a class account that stores customers name, account number and type of account , balance

From this derives the class cur\_acct and sav\_acct from making them more specific to their requirements.

Include necessary constructors and member functions to achieve the following tasks:

A menu should be displayed to the user to perform the following tasks.

1. Accept deposit from a customer and update the balance.
2. Display the balance.
3. Compute and deposit interest. // two class
4. Permit withdrawal and update the balance. // two class
5. Check for the minimum balance, impose a penalty, necessary, and update the balance.

Create two files,

one for current account holders and the other for saving account holders,

to store the data permanently.

All the information regarding account holders should be stored in these files.

When required to display information regarding an account holder, retrieve the information from the file and display it.

Balance = 900

Deposit = 5

905

Object , Saving Account , Current Account

Name , Id , Type , Balance

Type => Account( Saving , current)

Class Account :

Def \_\_init