Assume that a bank maintains two kinds of accounts for customers. One called saving a/c and other as current a/c. The saving a/c provides interest and the current a/c does not provide interest. Current a/c holders should maintain min balance and if falls below this level a service charge is imposed.

Create a class account that store customer name, a/c type ,a/c no. from this class derive 2 classes current and savings & add suitable data members. Perform the following tasks:

1. Accept the deposit from customer and update the balance.
2. Display the balance.
3. Computer interest.

Check the mini balance and allow withdraw; else add penalty charges.