5. Develop  
a Java program to create a class Bank that maintains two kinds of account for  
its customers, one called savings account and the other current account. The  
savings account provides compound interest and withdrawal facilities but no  
cheque book facility. The current account provides cheque book facility but  
no interest. Current account holders should also maintain a minimum balance  
and if the balance falls below this level, a service charge is imposed.  
  
Create a class Account that stores customer name, account number  
and type of account. From this derive the classes Cur-acct and Sav-acct to  
make them more specific to their requirements. Include the necessary methods  
in order to achieve the following tasks:  
  
a)     Accept deposit from customer and update the  
balance.  
  
b)     Display the balance.  
  
c)     Compute and deposit interest  
  
d)     Permit withdrawal and update the balance  
  
Check for the minimum balance, impose penalty if necessary and  
update the balance.  
  
Complete the observation and execution of both the above programs tomorrow.





