LAB 2

Q. CREATE BANK ACCOUNT CLASS IN JAVA,EACH BANK ACCOUNT OBJECT REPRESENTS INFORMATION ABOUT USER LIKE NAME AND BALANCE, EACH CLASS HAS METHOD DEPOSIT() AND WITHDRAWMMONEY(), BALANACE AMOUNT SHOULD REFLECT THESE OPERATION? METHOD ALSO MAKE SURE BALANCE WILL NEVER ZERO ALWAYS CARRIED TOTAL NUMBER OF TRANSACTIONS CARRIED OUT ON PARTICULAR BANK ACCOUNT.

package javaapplication12;  
  
import java.util.Scanner;  
  
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public class TestClass {  
        public static void main(String[] args) {  
        // TODO code application logic here  
         
        Scanner s = new Scanner(System.in);  
        System.out.println("ENTER ANNUAL INTEREST RATE: ");  
        float air= s.nextFloat();  
        System.out.println("ENTER THE STARTING BALANCE: ");  
        float starter= s.nextFloat();  
        System.out.println("ENTER THE NUMBER OF MONTHS PASSED SINCE THE ACCOUNT WAS ESTABLISHED: ");  
        int month = s.nextInt();  
        float mir=(air/12);  
        SavingAccount sav=new SavingAccount(starter,air);  
        for(int i=1;i<=month;i++){  
            System.out.println("HOW MUCH AMOUNT DID YOU WITHDRAW IN "+i+ " MONTH");  
            float with = s.nextFloat();  
            sav.Withdrawl(with);  
            System.out.println("TOTAL AMOUNT DEPOSITED IN "+i+" MONTH");  
            float depo = s.nextFloat();  
            sav.Deposit(depo);  
            sav.monthlyint(mir);  
        }  
        System.out.println("TOTAL BALANCE: "+sav.getBalance());  
     
    }  
     
}

package javaapplication12;  
  
/\*\*  
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 \*/  
public class SavingAccount{  
    private float balance;  
    private float anninterestrate;  
  
    public void setBalance(float balance) {  
        this.balance = balance;  
    }  
  
    public void setAnninterestrate(float anninterestrate) {  
        this.anninterestrate = anninterestrate;  
    }  
  
    public float getBalance() {  
        return balance;  
    }  
  
    public float getAnninterestrate() {  
        return anninterestrate;  
    }  
    SavingAccount(float sb, float air){  
        balance=sb;  
        anninterestrate=air;  
    }  
    void Withdrawl(float with){  
      balance=balance-with;    
    }  
    void Deposit(float dep){  
      balance=balance+dep;    
    }  
    void monthlyint(float mir){  
        mir=mir\*balance;  
        balance=balance+mir;  
    }  
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