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| --- |
| import java.util.\*; |
|  |  |
|  | class CurrentAccount extends Assignment2Q3 { |
|  | int totalDeposits = 10000; |
|  | int creditLimit = 2000; |
|  | @Override |
|  | public int getCash() { |
|  | return (totalDeposits - creditLimit); |
|  | } |
|  | } |
|  |  |
|  | class SavingsAccount extends Assignment2Q3 { |
|  | int totalDeposits = 10000; |
|  | int fixedDepositAmount = 5000; |
|  | @Override |
|  | public int getCash() { |
|  | return (totalDeposits + fixedDepositAmount ); |
|  | } |
|  | } |
|  |  |
|  | public class Assignment2Q3 { |
|  | public int totalCashInBank(ArrayList<Integer> cash){ |
|  | int total=0; |
|  | for(int i=0;i<cash.size();i++) |
|  | total+=cash.get(i); |
|  | return total; |
|  | } |
|  | public int getCash(){ |
|  | return 0; |
|  | } |
|  | public static void main(String[] args) { |
|  | CurrentAccount current\_Acc=new CurrentAccount(); |
|  | int current\_amount=current\_Acc.getCash(); |
|  |  |
|  | SavingsAccount saving\_Acc =new SavingsAccount(); |
|  | int saving\_amount=saving\_Acc.getCash(); |
|  |  |
|  | ArrayList<Integer> cash=new ArrayList<Integer>(2); |
|  | cash.add(current\_amount); |
|  | cash.add(saving\_amount); |
|  |  |
|  | Assignment2Q3 ans=new Assignment2Q3(); |
|  | System.out.println("Tolat Cash Available in Bank: "+ans.totalCashInBank(cash)); |
|  |  |
|  | } |
|  | } |