203

import java.util.ArrayList;  
  
public class assignment203 {  
 public static int totalCashInBank(ArrayList<Integer> cash) {  
 int TotalCash = 0;  
 for (int x : cash) {  
 TotalCash += x;  
 }  
 return TotalCash;  
 }  
  
 public int getCash() {  
 return 0;  
 }  
  
 public static void main(String[] args) {  
 ArrayList<Integer> cash = new ArrayList<Integer>();  
 assignment203 S1 = new SavingsAccount();  
 assignment203 S2 = new SavingsAccount();  
 assignment203 S3 = new SavingsAccount();  
 assignment203 C1 = new CurrentAccount();  
 assignment203 C2 = new CurrentAccount();  
 assignment203 C3 = new CurrentAccount();  
 cash.add(S1.getCash());  
 cash.add(S2.getCash());  
 cash.add(S3.getCash());  
 cash.add(C1.getCash());  
 cash.add(C2.getCash());  
 cash.add(C3.getCash());  
 System.*out*.println(cash);  
 System.*out*.println(*totalCashInBank*(cash));  
 }  
  
  
}

public class SavingsAccount extends assignment203{  
 int totalDeposits = 10000;  
 int fixedDepositAmount = 5000;  
  
 public int getCash() {  
 return totalDeposits+fixedDepositAmount;  
 }  
}

public class CurrentAccount extends assignment203{  
 int totalDeposits = 10000;  
 int creditLimit = 2000;  
  
 public int getCash() {  
 return totalDeposits+creditLimit;  
 }  
}