

```

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;  
    }  
}
```