

```
1
2 import java.math.BigInteger;
3 import java.util.Scanner;
4
5 public class Main{
6
7     public Main(){
8     }
9
10    public static void main(String[] args){
11
12        BigInteger b,ans;
13        int n=-1,a=-1,cont=1;
14        Scanner ler = new Scanner(System.in);
15
16        while(n!=0 && a!=0){
17            n = ler.nextInt();
18            a = ler.nextInt();
19            if(n==0 && a==0)
20                break;
21            ans = BigInteger.ZERO;
22            for(int i = 0;i<n;i++){
23                b = ler.nextBigInteger();
24                ans = ans.add(b);
25            }
26            b = ans.divide(BigInteger.valueOf(a));
27            System.out.println("Bill #"+cont+" costs "+ans.toString()+" : each
28            friend should pay "+b.toString()+"\n");
29            cont++;
30        }
31    }
32 }
33
34 }
35
```