

```
1 import java.util.*;
2 public class Principal {
3
4     public static void main(String[] args) {
5         Scanner s = new Scanner(System.in);
6         int tela;
7         int peso;
8         int total;
9         int numelef;
10        tela = s.nextInt();
11        while (tela != 0) {
12            total = 0;
13            numelef = 0;
14            peso = s.nextInt();
15            while (peso != 0) {
16                total = total + peso;
17                if (total <= tela) {
18                    numelef++;
19                }
20                peso = s.nextInt();
21            }
22            System.out.println(numelef);
23
24            tela = s.nextInt();
25        }
26
27    }
28
29 }
30
```