Cashier Problem

Coin Problems: Minimum.
Given a set of coin values coins $\{c_1, c_2, \dots, c_k\}$ and a target sum of money m, what's the minimum number of coins that form the sum m? If there is no other way, return "-1"

Input:
The first line is the number of coin values, K. $1 \leq K \leq 10$
The second line consists of a set of coin values, coins $\{c_1, c_2, \dots, c_k\}$. $1 \leq c_i \leq 1000$
The last line contains the target sum of money, m. $1 \leq m \leq 10^5$

Output:
Result

Example:

K=8
Coins = $\{200, 100, 50, 20, 10, 5, 2, 1\}$
Target: 734

Input:
8
200 100 50 20 10 5 2 1
734

Output
8