A candy company, **SweetHeaven**, is preparing **goodie bags** for a kids' event. They have candies of different **packet sizes** (each containing a specific number of candies). The company has an **infinite supply of each packet size**.

The goal is to **exactly pack the required number of candies** using the **fewest number of packets possible**. If it's **impossible** to achieve the exact amount, the company should indicate failure.

Input Format

- The first line contains an integer n, the **number of available packet sizes**.
- The second line contains an integer array of packets of size n representing the **number of candies in each packet size**.
- The third line contains an integer `requiredCandies` representing the **total number of candies required for the goodie bag**.

Output Format

- A single integer representing the **minimum number of packets required** to exactly reach the required number of candies.
- If it is **impossible** to achieve the required number of candies, return -1.