Problem A: Thief

Time limit: 1s; Memory limit: 512 MB

A thief breaks into a house containing **N** items. The i-th item has a weight w_i and a value c_i. The thief has a bag with a weight capacity of **W**. If the total weight of the items exceeds **W**, the bag will tear, and the thief won't be able to carry anything.

After filling the bag, the thief thinks, *"I can carry the bag with one hand, so I can grab one more item with my other hand."* Acting on this thought, the thief uses his free hand to take an additional item, provided its weight does not exceed **H**.

Determine the maximum total value of items the thief can carry.

Input
The first line contains three positive integers **N**, **W** and **H** ($1 \le N \le 100$, $1 \le W, H \le 10^9$). The following **N** lines each contain two positive integers w_i and c_i ($1 \le w_i \le 10^9, 1 \le ci \le 10^3$).

Output
A single line containing the maximum total value the thief can take.

Sample

Input	Output
3 10 2 2 5 1 9 4 6	20
3 2 4 2 5 1 9 4 6	15

Explanation:
- For example 1: The bag can hold all items, so the total value carried is 20.
- For example 2: The thief can put item 2 in the bag, and carry item 3 by hand.