B: Bottled Up

Time Limit: 1 second(s)

Peter is expecting a large shipment of fuel oil, but he has a small problem (doesn't everyone in these programming problems!). The only containers he has are a set of large bottles (each with the same volume) and a set of smaller bottles (also each with the same, but smaller volume). Given the volume of the shipment of oil, he would like to store the oil in the bottles so that:

1. all of the oil is stored,
2. each bottle is filled to the top, and
3. the minimum number of bottles is used.

While Peter thinks he has solved this problem for his given bottle sizes, he often spends hours wondering what would happen if his bottles had different volumes (apparently Peter doesn't lead the most exciting life).

Input

The input consists of a single line containing three positive integers, s, v_1 and v_2, where $s \leq 1\ 000\ 000$ is the volume of the shipment, and $v_1, v_2 \leq 1\ 000\ 000$ are the volumes of the two types of bottles, with $v_1 > v_2$.

Output

Output the number of bottles of size v_1 and the number of bottles of size v_2 which satisfy Peter's three conditions. If the conditions cannot be met, output `Impossible`.

Sample Input and Output

Sample Input 1	Output for Sample Input
1000 9 7	108 4

Sample Input 2	Output for Sample Input
1000 900 7	Impossible

Sample Input 3	Output for Sample Input
1000 10 7	100 0