Write a program that, given three numbers \( n, x \) and \( y \), prints all the multisets that can be made up with \( \{1, \ldots, n\} \), in such a way that every number appears between \( x \) and \( y \) times.

**Input**

Input consists of a natural number \( n > 0 \), followed by a natural number \( x \geq 0 \), followed by a natural number \( y > x \).

**Output**

Print all the multisets that can be made up with \( \{1, \ldots, n\} \), using each number between \( x \) and \( y \) times. The numbers inside each multiset must appear in non-decreasing order.

**Information about the checker**

You can print the solutions to this exercise in any order.

**Sample input**

\[ 2 \ 1 \ 4 \]

**Sample output**

\[
\begin{align*}
\{1, 2\} & \\
\{1, 2, 2\} & \\
\{1, 2, 2, 2\} & \\
\{1, 1, 2\} & \\
\{1, 1, 2, 2\} & \\
\{1, 1, 2, 2, 2\} & \\
\{1, 1, 1, 2\} & \\
\{1, 1, 1, 2, 2\} & \\
\{1, 1, 1, 2, 2, 2\} & \\
\end{align*}
\]

**Problem information**

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