

# Sum of K distinct Largest

Given n integers, find the sum of at most k largest distinct values.

## Input

- The first line contains two integers n, k ( $1 \leq n, m \leq 10^5$ ).
- The second line contains n integers ( $-10^9 \leq a_i \leq 10^9$ ).

## Output

The required sum.

## Sample

Input	Output
10 3 9 5 21 15 16 1 5 1 9 21	52
10 8 9 5 21 15 16 1 5 1 9 21	103