#include <stdio.h>

#include<math.h>

int minDistance(int calories[], int n) {

for (int i = 0; i < n - 1; i++) {

for (int j = 0; j < n - i - 1; j++) {

if (calories[j] < calories[j + 1]) {

int temp = calories[j];

calories[j] = calories[j + 1];

calories[j + 1] = temp;

}

}

}

int distance = 0;

for (int i = 0; i < n; i++) {

distance += pow(n,i)\* calories[i];

}

return distance;

}

int main() {

int n;

scanf("%d", &n);

int calories[n];

for (int i = 0; i < n; i++) {

scanf("%d", &calories[i]);}

int min = minDistance(calories, n);

printf("%d", min);

return 0;

}

