#include <bits/stdc++.h>

using namespace std;

int res[10000];

void mergeTwoSortedArrays (vector < int >&A, vector < int >&B)

{

int i = 0;

int j = 0;

int k = 0;

while (i < A.size () && j < B.size ())

{

if (A[i] < B[j])

{

res[k] = A[i];

i++;

k++;

}

else

{

res[k] = B[j];

j++;

k++;

}

}

while (i < A.size ())

{

res[k] = A[i];

i++;

k++;

}

while (j < B.size ())

{

res[k] = B[j];

j++;

k++;

}

}

void

input (vector < int >&arr)

{

for (int i = 0; i < arr.size (); i++)

{

cin >> arr[i];

}

}

void

output (int n)

{

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

{

cout << res[i] << endl;

}

}

int

main ()

{

int n, m;

cin >> n;

vector < int >A (n, 0);

input (A);

cin >> m;

vector < int >B (m, 0);

input (B);

mergeTwoSortedArrays (A, B);

output (n+m);

return 0;

}