#include<iostream>

#include<stack>

#include<queue>

#include<bits/stdc++.h>

using namespace std;

int main()

{

cout<<"Enter no. of elements in queue : ";

int n;

cin>>n;

queue<int>q;

queue<int>temp1;

queue<int>temp2;

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

{

int x;

cin>>x;

q.push(x);

}

int a,b;

cout<<"\nEnter elements to be Swapped : ";

cin>>a>>b;

while(q.front() != a && q.front() != b)

{

temp1.push(q.front());

q.pop();

}

a=q.front();

q.pop();

while(q.front() != a && q.front() != b)

{

temp2.push(q.front());

q.pop();

}

b = q.front();

q.pop();

temp1.push(b);

while(!temp2.empty())

{

temp1.push(temp2.front());

temp2.pop();

}

temp1.push(a);

while(!q.empty())

{

temp1.push(q.front());

q.pop();

}

cout<<"\n";

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

{

cout<<temp1.front()<<" ";

temp1.pop();

}

}