#include <stdio.h>

void circularArrayRotation(int arr[], int n, int k, int queries[], int q) {

k = k % n;

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

int index = (queries[i] - k + n) % n;

printf("%d\n", arr[index]);

}

}

int main() {

int n, k, q;

scanf("%d %d %d", &n, &k, &q);

int arr[n];

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

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

}

int queries[q];

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

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

}

circularArrayRotation(arr, n, k, queries, q);

return 0;

}