#include "pch.h"

#include <iostream>

#include <conio.h>

#include <stdio.h>

#include <stdlib.h>

using namespace std;

void main()

{

setlocale(LC\_ALL, "Russian");

int num, a, b,n, k, m;

cout << "Vvedite a="; cin >> a;

cout << "vvedite b>=a"; cin >> b;

cout << "Vvedite n="; cin >> n;

cout << "Vvedite k="; cin >> k;

int \*A1; int \*A2;

A1 = (int \*)malloc(sizeof(int)\*n);

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

{

num = rand() % (b - a + 1) + a;

A1[i] = num;

}

for (int i = 0; i < n; i++) { cout << A1[i] << " "; }

cout << endl;

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

{

if (i % 2 == 1)

{

m = A1[i+1];

A1[i+1] = k;

A1[i + 2] = m;

n++, i++;

}

}

A2 = (int \*)realloc(A1, n \* sizeof(int));

for (int i = 0; i < n; i++)//вывод массива

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

{

A2[i] = A1[i];

i++;

}

for (int i = 0; i < n; i++) { cout << A2[i] << " "; }

\_getch();

}