#include "pch.h"

#include <iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Russian");

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

cout << "Введите a "; cin >> a;

cout << "Введите b>=a "; cin >> b;

cout << "Введите n "; cin >> n;

cout << "Введите k "; cin >> k;

int\* A = new int[n];

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

{

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

A[i] = num;

}

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

cout << endl;

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

{

if (i % 2 == 1)

{

n++;

m = A[i + 1];

A[i + 1] = k;

A[i + 2] = m;

i++;

}

}

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

cout << A[i] << " ";

cout << endl;

delete[]A;

system("pause");

return 0;

}