<https://github.com/alena56taR/VVP>

1.

#include <iostream>

using namespace std;

int main()

{

int a[10], b[10];

int n;

cout << "N: ";

cin >> n;

int i;

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

cout << "A[" << i + 1 << "] =";

cin >> a[i];

}

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

cout << "B[" << i + 1 << "] =";

cin >> b[i];

}

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

{

a[i] += b[i];

b[i] = a[i] - b[i];

a[i] = a[i] - b[i];

}

cout << "A: \n";

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

cout << "A[" << i + 1 << "] =";

cout << a[i] << "\n";

}

cout << "B: \n";

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

cout << "B[" << i + 1 << "] =";

cout << b[i] << "\n";

}

return 0;

}

2.

#include <iostream>

using namespace std;

int main(void)

{

float a[10], b[10];

int n;

cout << "N: ";

cin >> n;

cout << "A:" << "\n";

int k;

for (k = 0; k < n; ++k)

{

cout << "a[" << k + 1 << "] : ";

cin >> a[k];

}

int i;

int d;

for (k = 0; k < n; ++k)

{

d = 0;

for (i = 0; i <= k; ++i)

{

d += a[i];

}

b[k] = d / (k + 1);

}

cout << "B:" << "\n";

for (k = 0; k < n; ++k)

cout << " b[" << k + 1 << "] = " << b[k] << "\n";

return 0;

}

3.

#include <iostream>

using namespace std;

int main(void)

{

setlocale(LC\_ALL, "Russian");

int a[10];

int val, n;

cout << "N: ";

cin >> n;

cout << "A:" << "\n";

int i;

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

{

cout << "a[" << i + 1 << "] : ";

cin >> a[i];

}

for (i = n; i >= 0; i--)

{

if ((a[i] % 2) != 0)

{

val = a[i];

break;

}

}

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

{

if ((a[c] % 2) != 0)

{

a[c] = a[c] + val;

}

}

cout << "Измененный массив:" << "\n";

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

{

cout << "a[" << i + 1 << "] : " ;

cout << a[i] << "\n";

}

return 0;

}

4.

#include <iostream>

using namespace std;

int main(void)

{

setlocale(LC\_ALL, "Russian");

int a[10];

int imax, imin, max=0, min,n;

cout << "N: ";

cin >> n;

cout << "A:" << "\n";

int i;

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

{

cout << "a[" << i + 1 << "] : ";

cin >> a[i];

}

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

{

if (a[i] > max)

{

max = a[i];

imax = i;

}

}

min = max;

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

{

if (a[i] < min)

{

min = a[i];

imin = i;

}

}

if (imin > imax)

{

for (i = imax + 1; i < imax + (imin - imax); ++i)

{

a[i] = 0;

}

}

else

{

for (i = imin + 1; i < imin + (imax - imin); ++i)

{

a[i] = 0;

}

}

cout << "Измененный массив:" << "\n";

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

{

cout << "a[" << i + 1 << "] : " ;

cout << a[i] << "\n";

}

return 0;

}

5.

#include <iostream>

using namespace std;

int main(void)

{

setlocale(LC\_ALL, "Russian");

float a[10];

int n;

cout << "N: ";

cin >> n;

cout << "A:" << "\n";

int i;

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

{

cout << "a[" << i + 1 << "] : ";

cin >> a[i];

}

for (int i = 0; i < n - 1; i++)

{

if (a[i] > a[i + 1])

{

int temp = a[i];

a[i] = a[i + 1];

a[i + 1] = temp;

}

else

break;

}

cout << "Измененный массив:" << "\n";

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

{

cout << "a[" << i + 1 << "] : " ;

cout << a[i] << "\n";

}

return 0;

}