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

1.

#include <iostream>

using namespace std;

int main()

{

int a[10];

int n, k, l;

cout << "N: ";

cin >> n;

cout << "K: ";

cin >> k;

cout << "L: ";

cin >> l;

int i;

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

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

cin >> a[i];

}

int sum = 0;

for (i=k-1; i < l; ++i)

sum += a[i];

cout << (float)sum/(float)(l-k+1);

return 0;

}

2.

#include <stdio.h>

#include <iostream>

using namespace std;

int main(void)

{

int a[10];

int n;

cout << "N: ";

cin >> n;

int i;

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

{

cout << "a["<<i<<"] = ";

cin >> a[i];

}

int r=a[1]-a[0];

for (i=1; i<n; ++i)

{

if (r!=a[i]-a[i-1])

{

r=0;

}

}

cout << r;

return 0;

}

3.

#include <stdio.h>

#include <iostream>

using namespace std;

int main(void)

{

int A[10];

int n;

cout << "N: ";

cin >> n;

int i;

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

{

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

cin >> A[i];

}

int min;

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

{

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

min = A[i + 1];

}

for (i=0; i<n; i=i+2)

{

if (A[i] < min)

min = A[i];

}

cout << "min=" << min;

return 0;

}

4.

#include <stdio.h>

#include <iostream>

using namespace std;

int main(void)

{

int A[10];

int n;

setlocale(LC\_ALL, "Russian");

cout << "N: ";

cin >> n;

int i;

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

{

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

cin >> A[i];

}

int max;

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

{

if (A[i] < A[i+1])

max = A[i];

}

int imax=0;

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

{

if (A[i] > A[i - 1] && A[i] > A[i + 1] && i>imax)

{

imax = i;

max = A[i];

}

}

cout << "номер последнего локального максимума: " << imax;

return 0;

}

5.

#include <stdio.h>

#include <iostream>

using namespace std;

int main(void)

{

int a[10];

int n;

setlocale(LC\_ALL, "Russian");

cout << "N: ";

cin >> n;

int i,j;

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

{

cout << "a["<<i<<"] = ";

cin >> a[i];

}

int x,y;

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

{

for (j = i + 1; j < n; ++j)

{

if (a[i] == a[j] && i != j)

{

x = i; y = j;

}

}

}

cout << x << y;

return 0;

}