1

#include <stdio.h>

#include <locale.h>

float facsum(int k, int\* A) {

float s = 0.0;

int f = 1;

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

s += A[i];

f \*= (i + 1);

}

float z = s / f;

return z;

}

int main() {

setlocale(LC\_ALL, "ru\_RU");

int k = 5, n = 6;

int A[5] = { 1, 2, 3, 4, 5 };

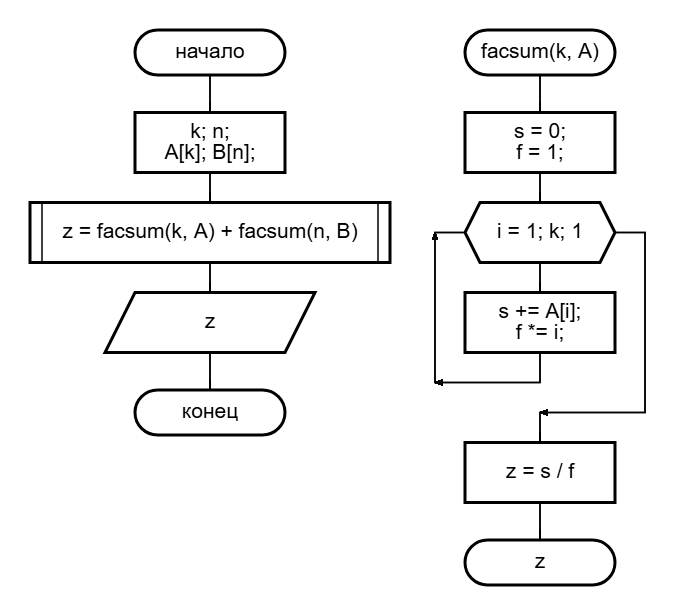
int B[6] = { 2, 3, 4, 5, 6, 7 };

float z = facsum(k, A) + facsum(n, B);

printf("%.2f", z);

return 0;

}



2a

#include <stdio.h>

#include <locale.h>

float min(float a, float b, float c) {

float MIN = a;

if (MIN > b)

MIN = b;

if (MIN > c)

MIN = c;

return MIN;

}

float max(float a, float b, float c) {

float MAX = a;

if (MAX < b)

MAX = b;

if (MAX < c)

MAX = c;

return MAX;

}

void main() {

setlocale(LC\_ALL, "ru\_RU");

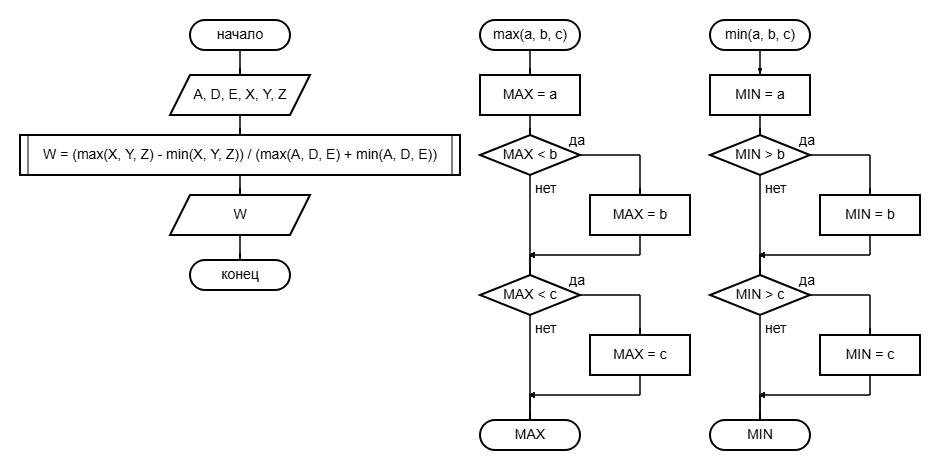
float A, D, E, X, Y, Z;

scanf\_s("%f %f %f %f %f %f", &A, &D, &E, &X, &Y, &Z);

float w = (max(X, Y, Z) - min(X, Y, Z)) / (max(A, D, E) + min(A, D, E));

printf("%.2f", w);

}



2b

#include <stdio.h>

#include <locale.h>

float minmax(float a, float b, float c, float\* min) {

float max = 0;

if (a > b) {

max = a;

\*min = b;

}

else {

\*min = a;

max = b;

}

if (\*min > c)

\*min = c;

if (max < c)

max = c;

return max;

}

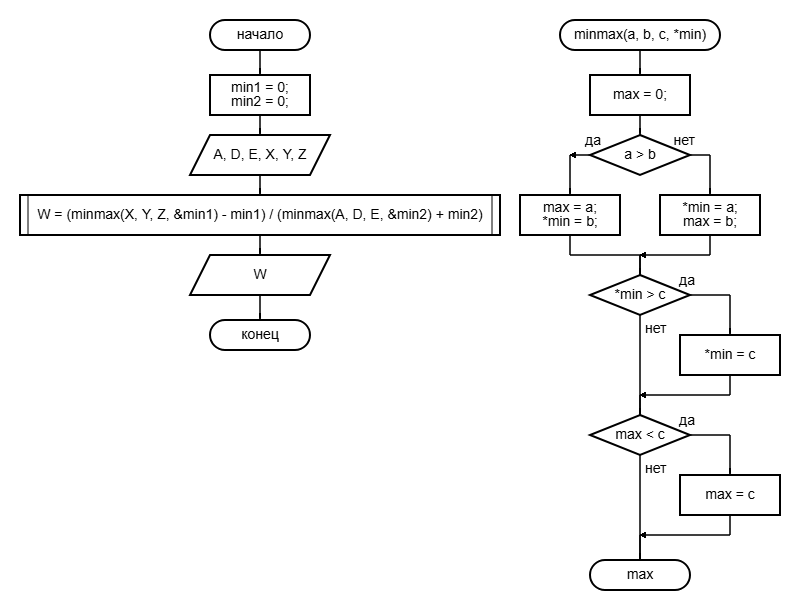
void main() {

setlocale(LC\_ALL, "ru\_RU");

float A, D, E, X, Y, Z, min1, min2;

scanf\_s("%f %f %f %f %f %f", &A, &D, &E, &X, &Y, &Z);

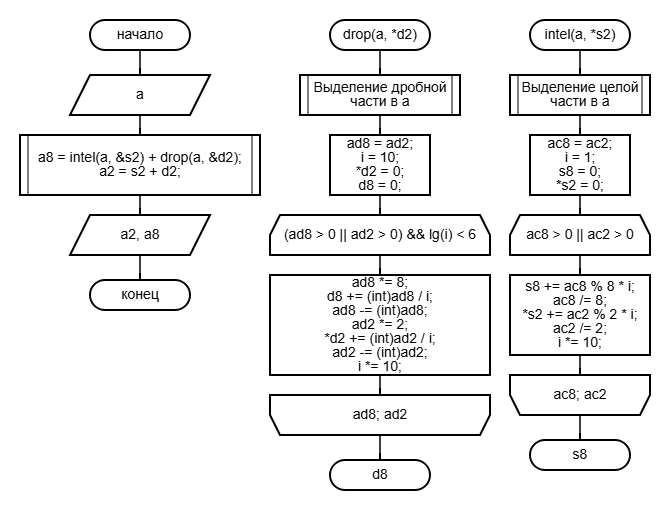
float w = (minmax(X, Y, Z, &min1) - min1) / (minmax(A, D, E, &min2) + min2);



printf("%.2f", w);

}

3



4

#include <stdio.h>

#include <stdbool.h>

int sum(int\* A, int\* B, int\* C) {

int carry = 0;

for (int i = 5; i >= 0; i--) {

int current\_sum = A[i] + B[i] + carry;

C[i + 1] = current\_sum % 2;

carry = current\_sum / 2;

}

C[0] = carry;

return 0;

}

int print\_binary(int\* A) {

bool has\_non\_zero = false;

for (int i = 0; i < 7; ++i) {

if (A[i] != 0) {

has\_non\_zero = true;

}

if (has\_non\_zero) {

printf("%d", A[i]);

}

}

if (!has\_non\_zero) {

printf("0");

}

return 0;

}

int main() {

int A[6] = { 1, 0, 1, 1, 1, 1 };

int B[6] = { 0, 1, 0, 1, 1, 1 };

int C[7] = { 0 };

sum(A, B, C);

print\_binary(C);

return 0;

}

