Admin@LAPTOP-Q5U6S2UH:/mnt/c/Users/Admin/desktop/Все для вуза$ gcc laba9.c

Admin@LAPTOP-Q5U6S2UH:/mnt/c/Users/Admin/desktop/Все для вуза$ ./a.out

0 10 20 -1

1 12 12 9

2 3 8 13

3 12 3 19

4 17 13 15

5 7 -7 11

Admin@LAPTOP-Q5U6S2UH:/mnt/c/Users/Admin/desktop/Все для вуза$ gnuplot

G N U P L O T

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Thomas Williams, Colin Kelley and many others

gnuplot home: http://www.gnuplot.info

faq, bugs, etc: type "help FAQ"

immediate help: type "help" (plot window: hit 'h')

Terminal type set to 'qt'

gnuplot> set terminal dumb

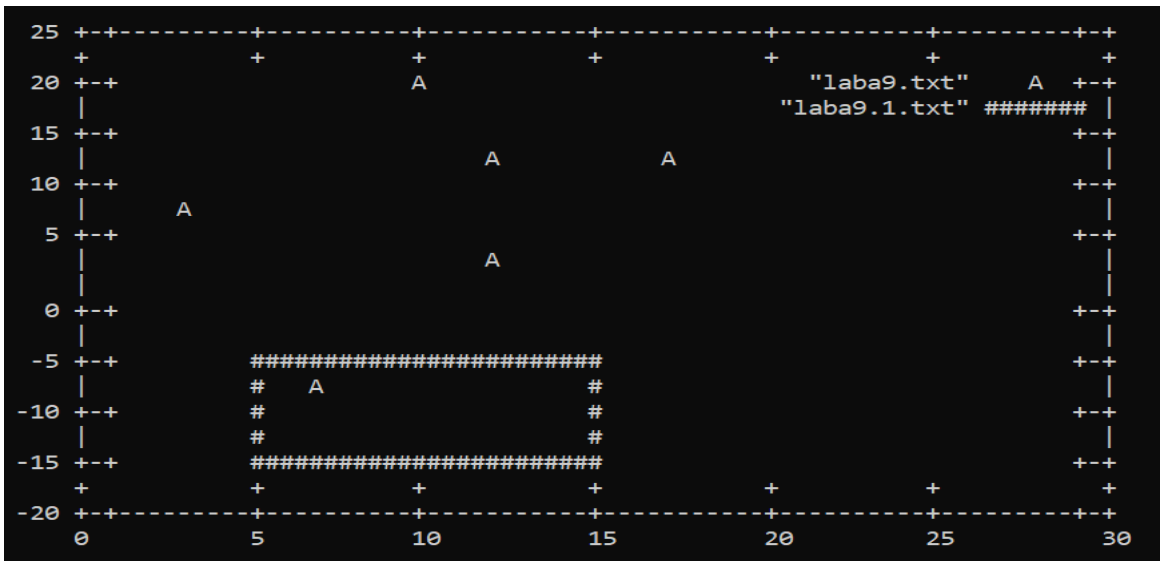
Terminal type set to 'dumb'

Options are 'feed size 79, 24 aspect 2, 1'

gnuplot> set xrange[0:30]

gnuplot> set yrange[-20:25]

gnuplot> plot "laba9.txt", "laba9.1.txt" with lines



```
#include <stdio.h>
#include <math.h>
#include <stdlib.h>
int cel(int num, int den) {
	return (num*den > 0) ? num / den : (num%den == 0) ? num / den : num / den - 1;
}
int ost(int a, int b) {
	return a - b * (cel(a, b));
}
int max(int a, int b) {
	return (a > b) ? a : b;
}
int min(int a, int b) {
	return (a > b) ? b : a;
}
int min2(int a, int b, int c)  {
	int minimal;
	if (a < b) {
		minimal = a;
	}
	else {
		minimal = b;
	}
if (minimal > c) {
	minimal = c;
 }
	return minimal;
	}
int main() {
	int i = 10, j = 20, l = -1, sign, k = 0, x, y, z;
printf ("%d %d %d %d\n", k, i, j, l);
		for (k ; k < 50; k++) {
			if (i > j) {
				sign = 1;
```

```
            }
            if (i = j) {
                sign = 0;
            }
            if (i < j) {
                sign = -1;
            }
            x = ost((abs(max(i*(k+5),j*(k+6))) - abs(min(j*(k+7),l*(k+8)))), 20);
            y = ost(((3 - sign)*abs(min2(i*l+5,j*l-3,i*j+6))), 25) - 7;
            z = ost(i, 10) + ost(j, 10) + ost(l, 10);
            i = x;
            j = y;
            l = z;
            printf("%d %d %d %d\n", k+1, i, j, l);
            if (i > 5 && i < 15 && j < -5 && i > -15) {
                break;
            }
        }
    return 0;
}
```