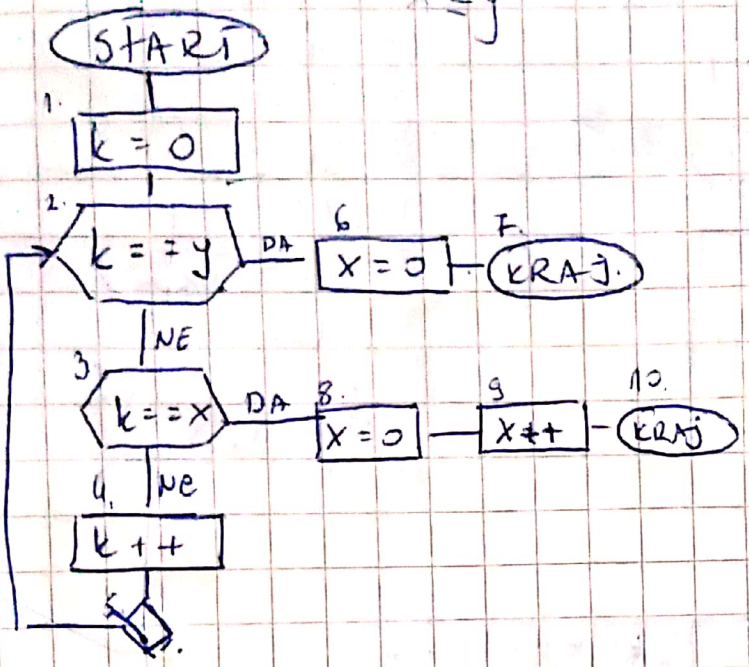
* URM *

1. $f(x,y) = \begin{cases} 0, \text{ako } x \geq y \\ 1, \text{inače} \end{cases}$

$x \leq y$

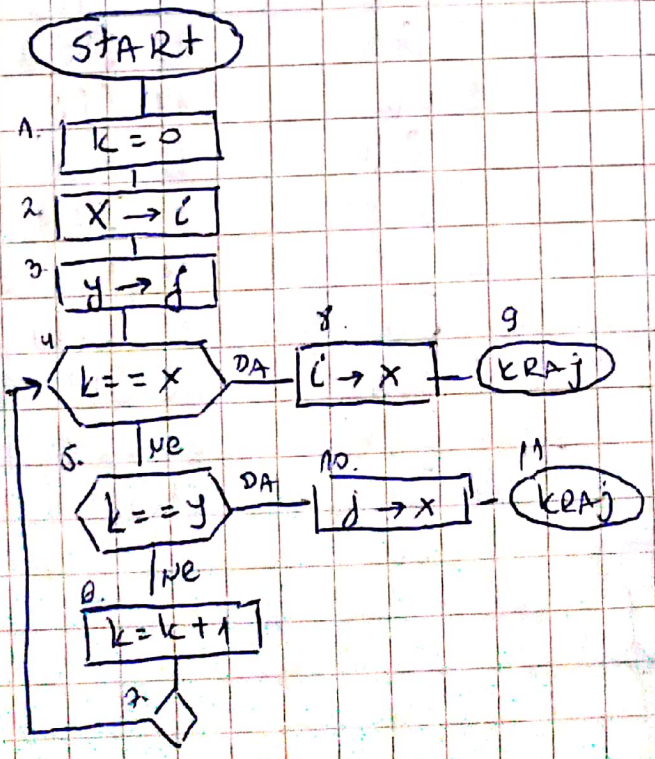
x	y	k	
1	2	3	



1 Z(3)
2. J(3, 2, 6)
3. J(3, 1, 8)
4. S(3)
5. J(1, 1, 2)
6 Z(1)
7. J(1, 1, 100)
8 Z(1)
9 S(1)
10. J(1, 1, 100)

2. $f(x,y) = \begin{cases} x, \text{ako } x \leq y \\ y, \text{inače} \end{cases}$

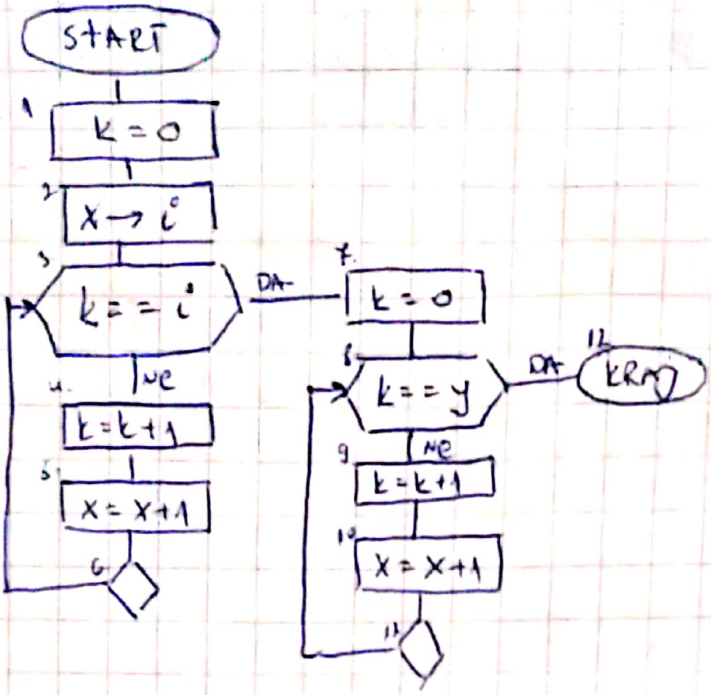
x	y	k	i	j	
1	2	3	4	5	



1. Z(3)
2 T(1,4)
3. T(2,5)
4. J(3, 1, 8)
5. J(3, 2, 10)
6. S(3)
7. J(1, 1, 4)
8. T(4, 1)
9 J(1, 1, 100)
10 T(5, 1)
11 J(1, 1, 100)

3 $f(x,y) = 2x + y$

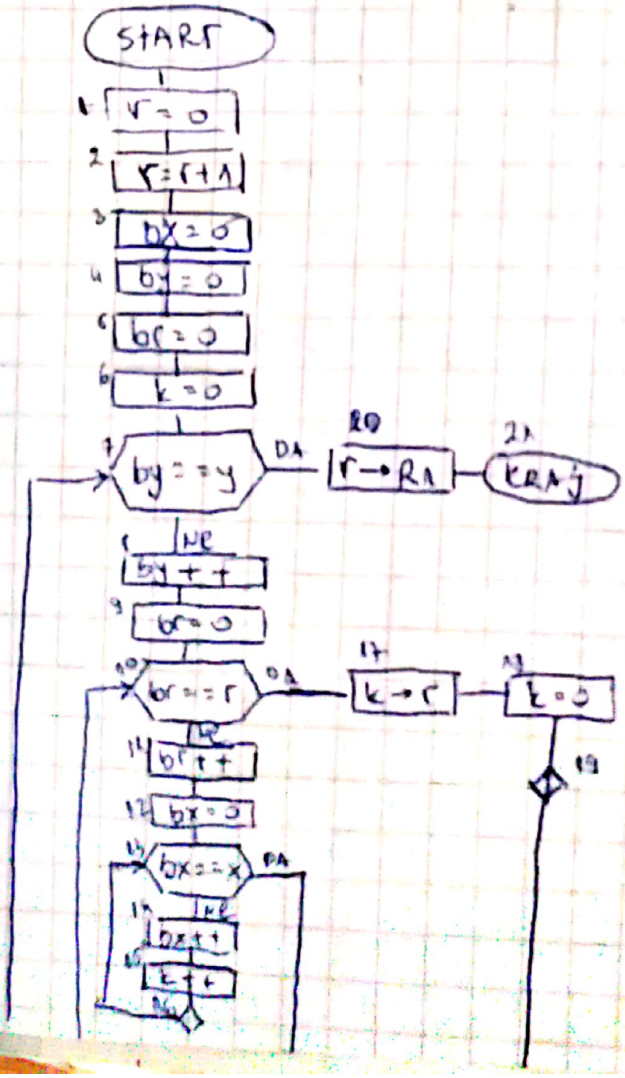
x	y	k	i	...
1	2	3	4	



1 Z(3)
2 T(1,4)
3 J(3,4,7)
4 S(3)
5 S(1)
6 J(1,1,3)
7 Z(3)
8 J(3,2,12)
9 S(3)
10 S(1)
11 J(1,1,8)
12 J(1,1,100)

4 $f(x,y) = x^y$

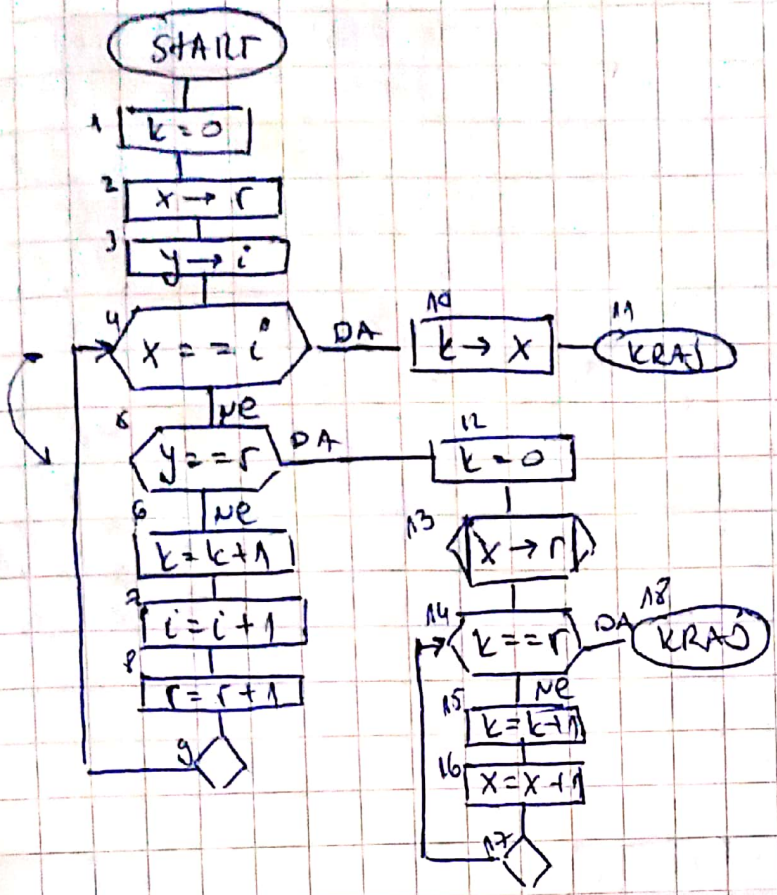
x	y	r	k	bx	by	br	...
1	2	3	4	5	6	7	



1 Z(3)
2 S(3)
3 Z(5)
4 Z(6)
5 Z(7)
6 Z(4)
7 J(6,2,20)
8 S(6)
9 Z(7)
10 J(7,3,17)
11 S(7)
12 Z(5)
13 J(5,1,10)
14 S(5)
15 S(4)
16 J(1,1,13)
17 T(4,3)
18 Z(4)
19 J(1,1,7)
20 T(3,1)
21 J(1,1,100)

5 $f(x,y) = \begin{cases} 2x, & x < y \\ x - y, & x \geq y \end{cases}$

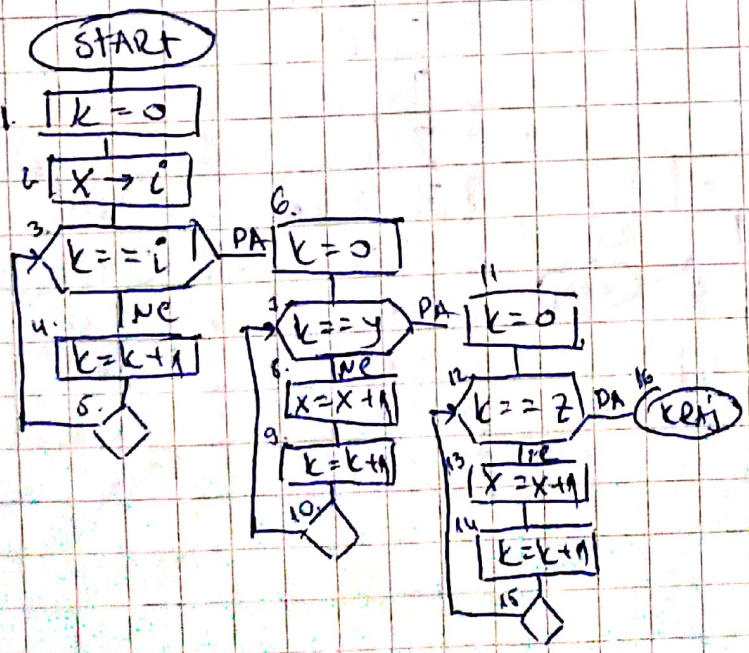
x	y	r	i	k	
1	2	3	4	5	



1. Z(5)
2. T(1,3)
3. T(2,4)
4. J(1,4,10)
5. J(2,3,12)
6. S(5)
7. S(4)
8. S(3)
9. J(1,1,4)
10. T(5,1)
11. J(1,1,100)
12. Z(5)
13. T(1,3)
14. J(5,3,18)
15. S(5)
16. S(1)
17. J(1,1,14)
18. J(1,1,100)

6 ~~$f(x) = 2(x+y)$~~ $f(x,y,z) = x+y+z$

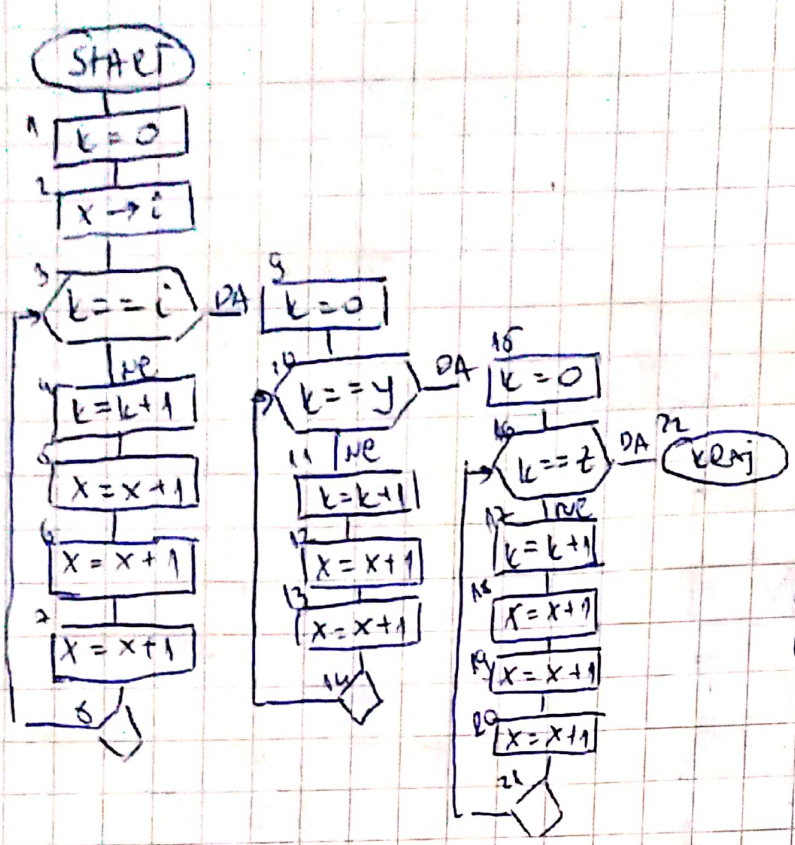
x	y	z	k	i
1	2	3	4	5



1. Z(4)
2. T(1,5)
3. J(4,5,16)
4. S(4)
5. J(1,1,3)
6. Z(4)
7. J(4,2,11)
8. S(1)
9. S(4)
10. J(1,1,7)
11. Z(4)
12. J(4,3,16)
13. S(1)
14. S(4)
15. J(1,1,12)
16. J(1,1,100)

7 $f(x,y,z) = 4x + 2y + 3z$

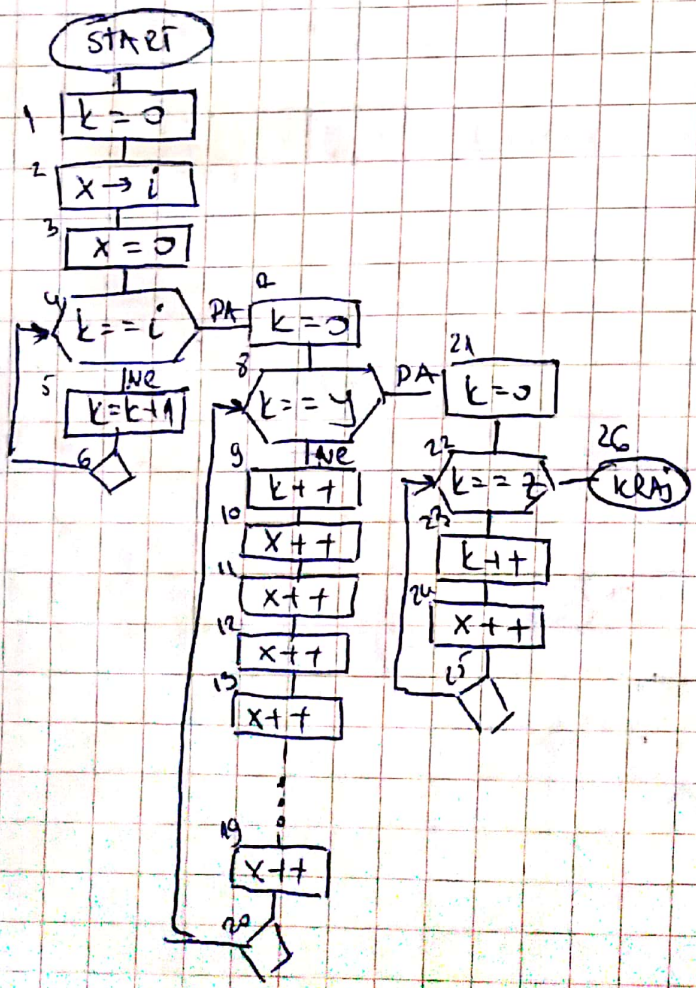
x	y	z	k	i
1	2	3	4	5



1. Z(4)
2. T(1,5)
3. J(4,5,9)
4. S(4)
5. S(1)
6. S(1)
7. S(1)
8. J(1,1,3)
9. Z(4)
10. J(4,2,15)
11. S(4)
12. S(1)
13. S(1)
14. J(1,1,10)
15. Z(4)
16. J(4,3,22)
17. S(4)
18. S(1)
19. S(1)
20. S(1)
21. J(1,1,16)
22. J(1,1,100)

8 $f(x,y,z) = z + 10y$

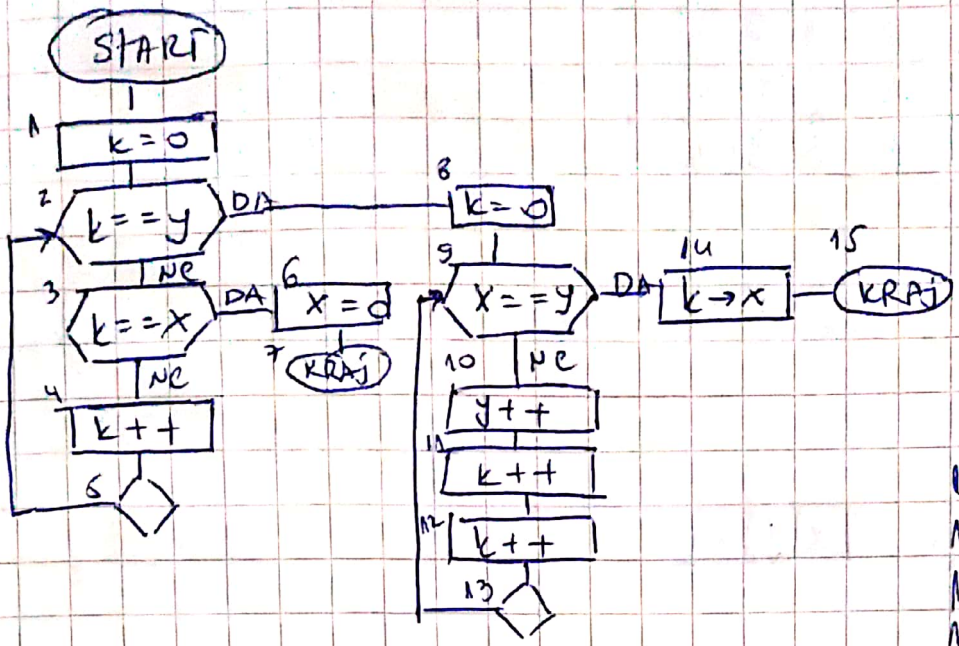
x	y	z	k	i	
1	2	3	4	6	



1. Z(4)
2. T(1,5)
3. Z(1)
4. J(4,5,7)
5. S(4)
6. J(1,1,4)
7. Z(4)
8. J(4,2,21)
9. S(4)
10. S(1)
11. S(1)
12. S(1)
13. S(1)
14. S(1)
15. S(1)
16. S(1)
17. S(1)
18. S(1)
19. S(1)
20. J(1,1,8)
21. Z(4)
22. J(4,3,26)
23. S(4)
24. S(1)
25. J(1,1,22)
26. J(1,1,100)

9 $f(x,y) = \begin{cases} 2(x-y), & x \geq y \\ 0, & \text{inače} \end{cases}$

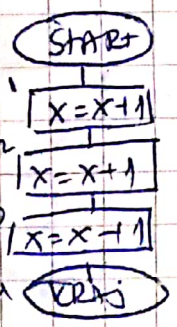
x	y	k
1	2	3



1. Z(2)
2. J(3,2,8)
3. J(3,1,6)
4. S(3)
5. J(1,1,2)
6. Z(1)
7. J(1,1,100)
8. Z(3)
9. J(1,2,14)
10. S(2)
11. S(3)
12. S(3)
13. J(1,1,9)
14. T(3,1)
15. J(1,1,100)

10 $f(x) = x+3$

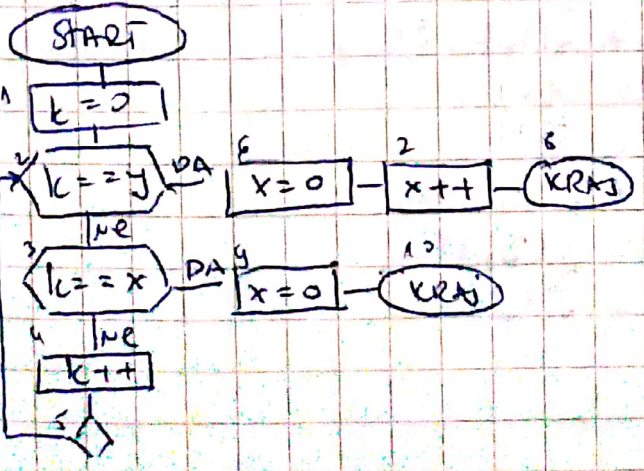
x
1



1. S(1)
2. S(1)
3. S(1)
4. J(1,1,100)

11 $f(x,y) = \begin{cases} 1, & x \geq y \\ 0, & \text{inače} \end{cases}$

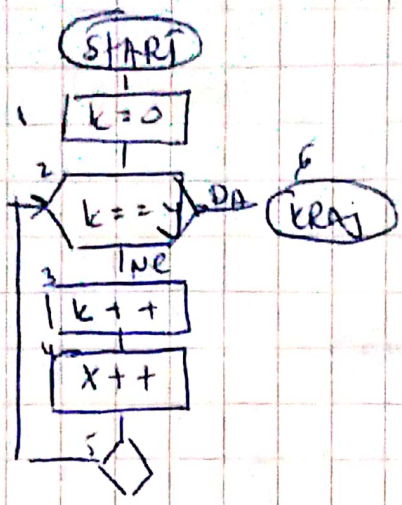
x	y	k
1	2	3



1. Z(3)
2. J(3,2,6)
3. J(3,1,9)
4. S(3)
5. J(1,1,2)
6. Z(1)
7. S(1)
8. J(1,1,100)
9. Z(1)
10. J(1,1,100)

A2 $f(x,y) = x + y$

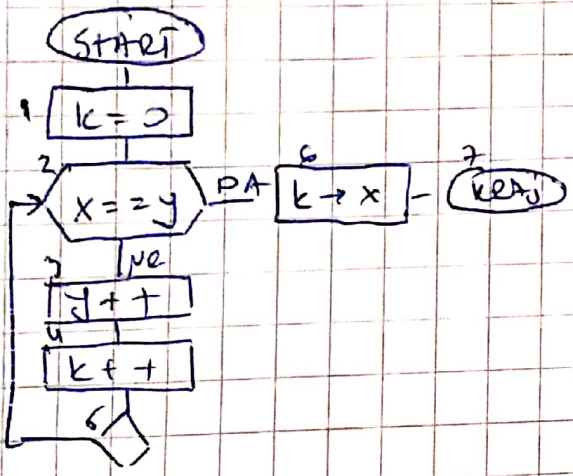
x	y	k
1	2	3



1 Z(3)
2 J(3, 2, 6)
3 S(3)
4 S(1)
5 J(1, 1, 2)
6 J(1, 1, 100)

A3 $f(x,y) = x - y$

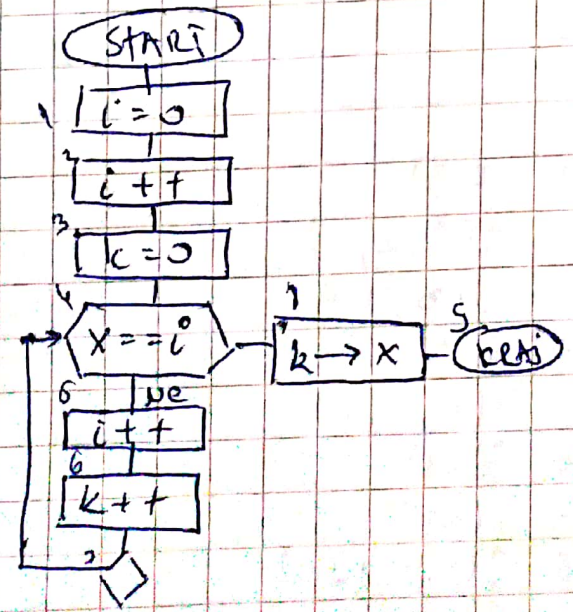
x	y	k
1	2	3



1. Z(3)
2. J(1, 2, 6)
3. S(2)
4. S(3)
6. J(1, 1, 2)
6. T(3, 1)
7. J(1, 1, 100)

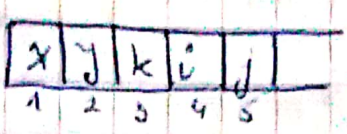
A4 $f(x) = x - 1$

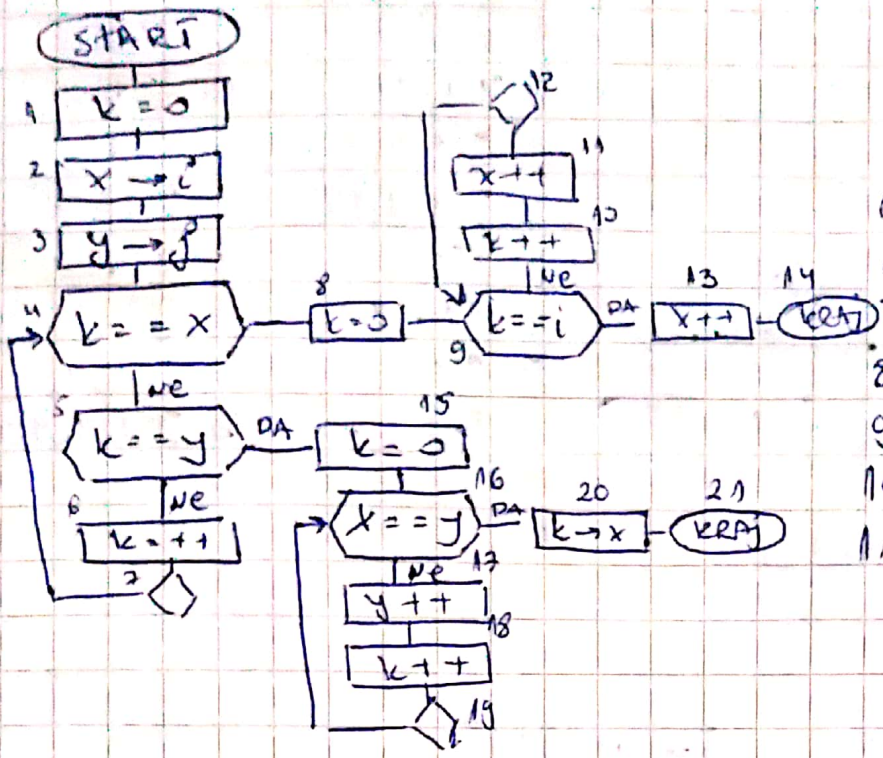
x	i	k
1	2	3



1. Z(2)
2. S(2)
3. Z(3)
4. J(1, 2, 8)
5. S(2)
6. S(3)
7. J(1, 1, 4)
8. T(3, 1)
9. J(1, 1, 100)

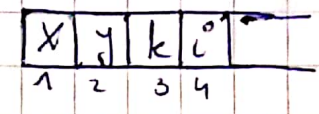
16 $f(x,y) = \begin{cases} 2x+1, & x \le y \\ x-y, & \text{inače} \end{cases}$

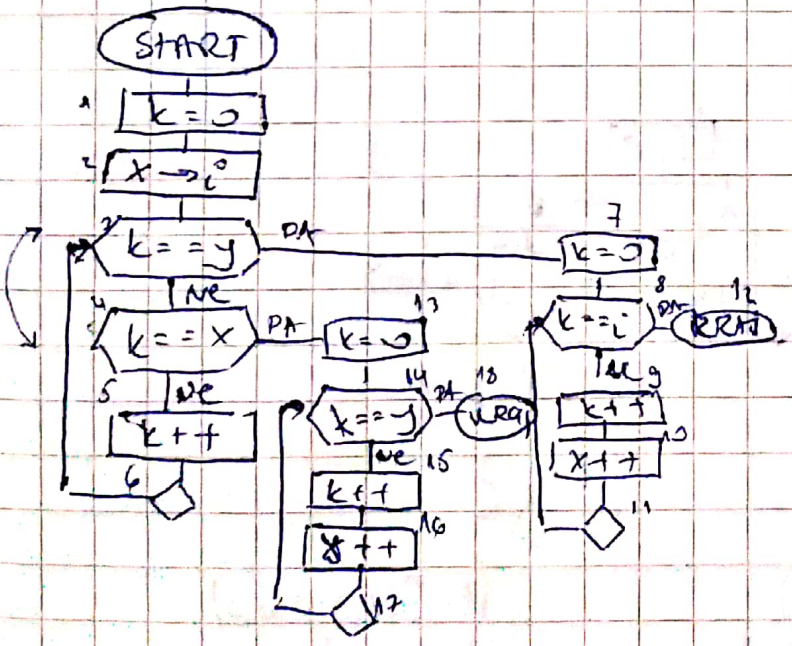




1. Z(3)
2. T(1,4)
3. T(2,5)
4. J(3,1,8)
5. J(3,2,15)
6. S(3)
7. J(1,1,4)
8. Z(3)
9. J(3,4,13)
10. S(3)
11. S(1)
12. J(1,1,9)
13. S(1)
14. J(1,1,10)
15. Z(3)
16. J(1,2,20)
17. S(2)
18. S(3)
19. J(1,1,16)
20. T(3,1)
21. J(1,1,10)

16. $f(x,y) = \begin{cases} 2x, & x > y \\ x+y, & \text{inače} \end{cases}$

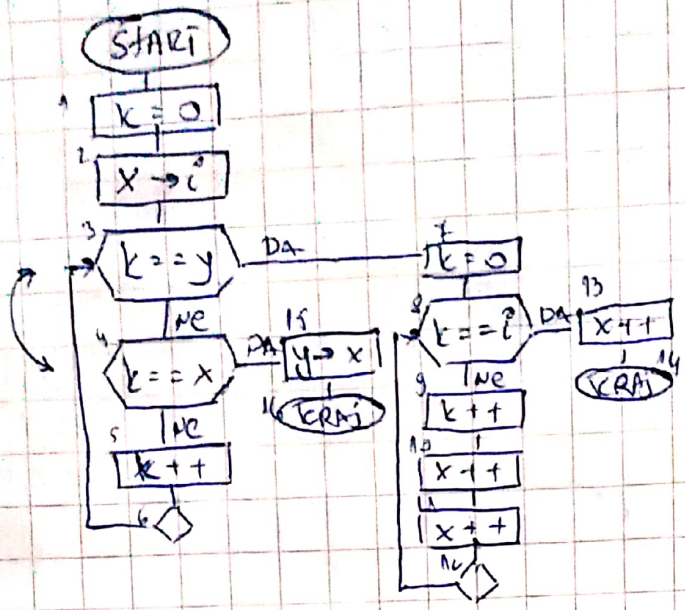




1. Z(3)
2. T(1,4)
3. J(3,2,7)
4. J(3,1,13)
5. S(3)
6. J(1,1,3)
7. Z(3)
8. J(3,4,12)
9. S(3)
10. S(1)
11. J(1,1,8)
12. J(1,1,100)
13. Z(3)
14. J(3,2,18)
15. S(3)
16. S(1)
17. J(1,1,14)
18. J(1,1,100)

17. $f(x,y) = \begin{cases} 3x+1, & x > y \\ y, & \text{inače} \end{cases}$

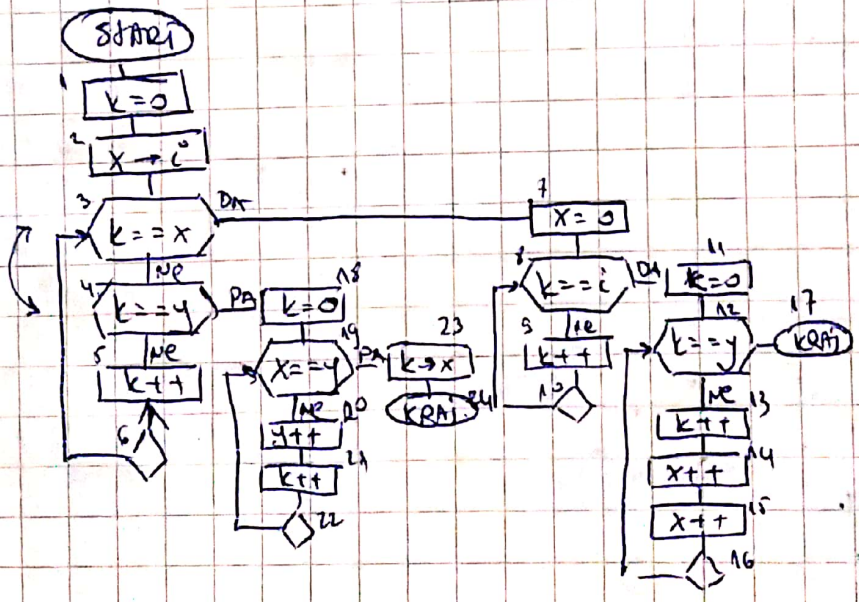
x	y	k	i°
1	2	3	4



1. Z(3)
2. T(1,4)
3. J(3,2,7)
4. J(3,1,15)
5. S(3)
6. J(1,1,3)
7. Z(3)
8. J(3,4,13)
9. S(3)
10. S(1)
11. S(1)
12. J(1,1,8)
13. S(1)
14. J(1,1,100)
15. T(2,1)
16. J(1,1,100)

18. $f(x,y) = \begin{cases} 2y, & x < y \\ x-y, & \text{inače} \end{cases}$

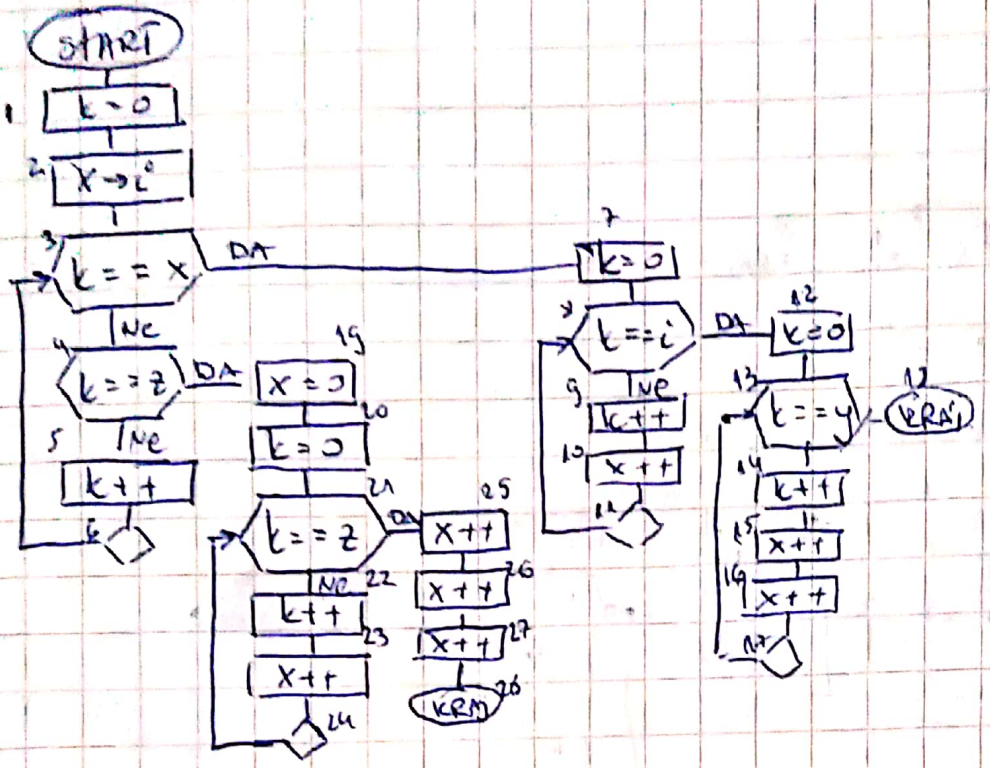
x	y	k	i°
1	2	3	4



1. Z(3)
2. T(1,4)
3. J(3,1,7)
4. J(3,2,18)
5. S(3)
6. J(1,1,3)
7. Z(1)
8. J(3,4,11)
9. S(3)
10. J(1,1,8)
11. Z(3)
12. J(3,2,17)
13. S(3)
14. S(1)
15. S(1)
16. J(1,1,22)
17. J(1,1,100)
18. Z(3)
19. J(1,2,23)
20. S(2)
21. S(3)
22. J(1,1,19)
23. T(3,1)
24. J(1,1,100)

19 $f(x,y,z) = \begin{cases} 2x+2y, & x \le z \\ z+3, & \text{inaczej} \end{cases}$

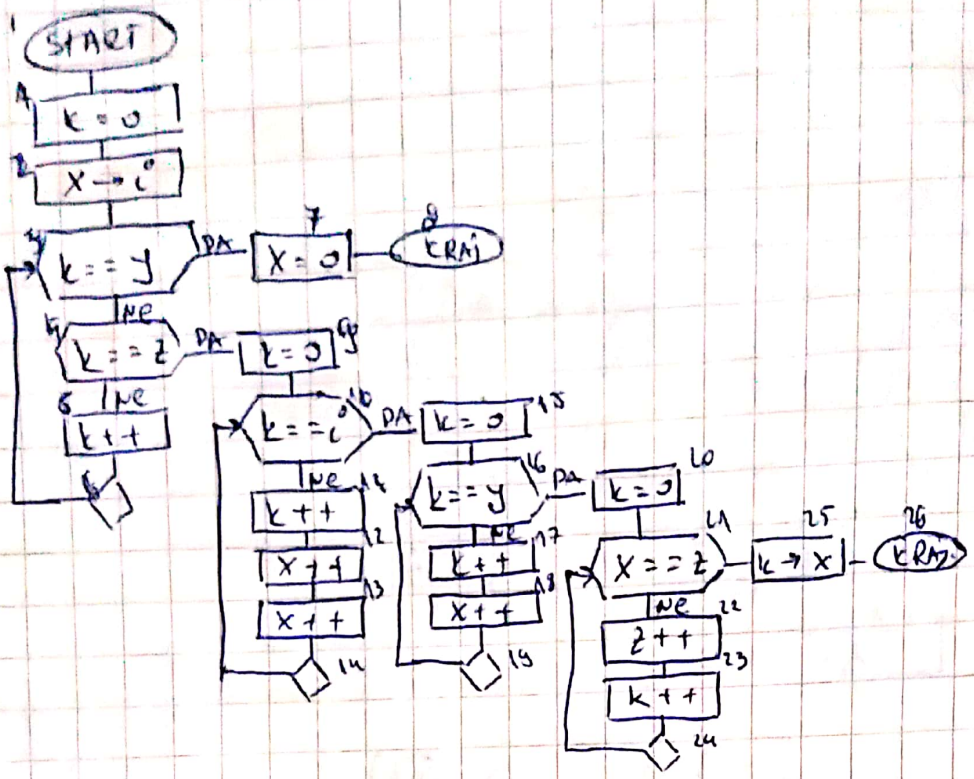
x	y	z	k	i	
1	2	3	4	5	



1. Z(4)
2. T(1,5)
3. J(4,1,7)
4. J(4,3,19)
5. S(4)
6. J(1,1,3)
7. Z(4)
8. J(4,5,12)
9. S(4)
10. S(1)
11. J(1,1,8)
12. Z(4)
13. J(4,2,18)
14. S(4)
15. S(1)
16. S(1)
17. J(1,1,13)
18. J(1,1,100)
19. Z(1)
20. Z(4)
21. J(4,3,25)
22. S(4)
23. S(1)
24. J(1,1,21)
25. S(1)
26. S(1)
27. S(1)
28. J(1,1,100)

20 $f(x,y,z) = \begin{cases} 3x+y-z, & y>z \\ 0, & \text{inače} \end{cases}$

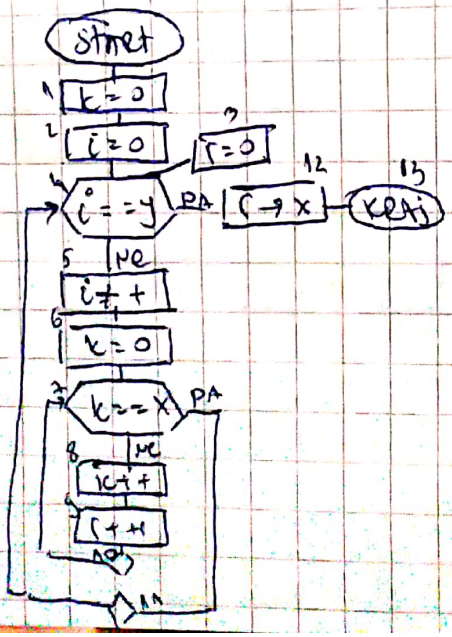
x	y	z	k	i°
1	2	3	4	5



1. Z(4)
2. T(1,5)
3. J(4,2,7)
4. J(4,3,9)
5. S(4)
6. J(1,1,3)
7. Z(1)
8. J(1,1,100)
9. Z(4)
10. J(4,5,15)
11. S(4)
12. S(1)
13. S(1)
14. J(1,1,10)
15. Z(4)
16. J(4,2,20)
17. S(4)
18. S(1)
19. J(1,1,16)
20. Z(4)
21. J(1,3,25)
22. S(3)
23. S(4)
24. J(1,1,21)
25. T(4,1)
26. J(1,1,100)

21 $f(x,y) = x * y$

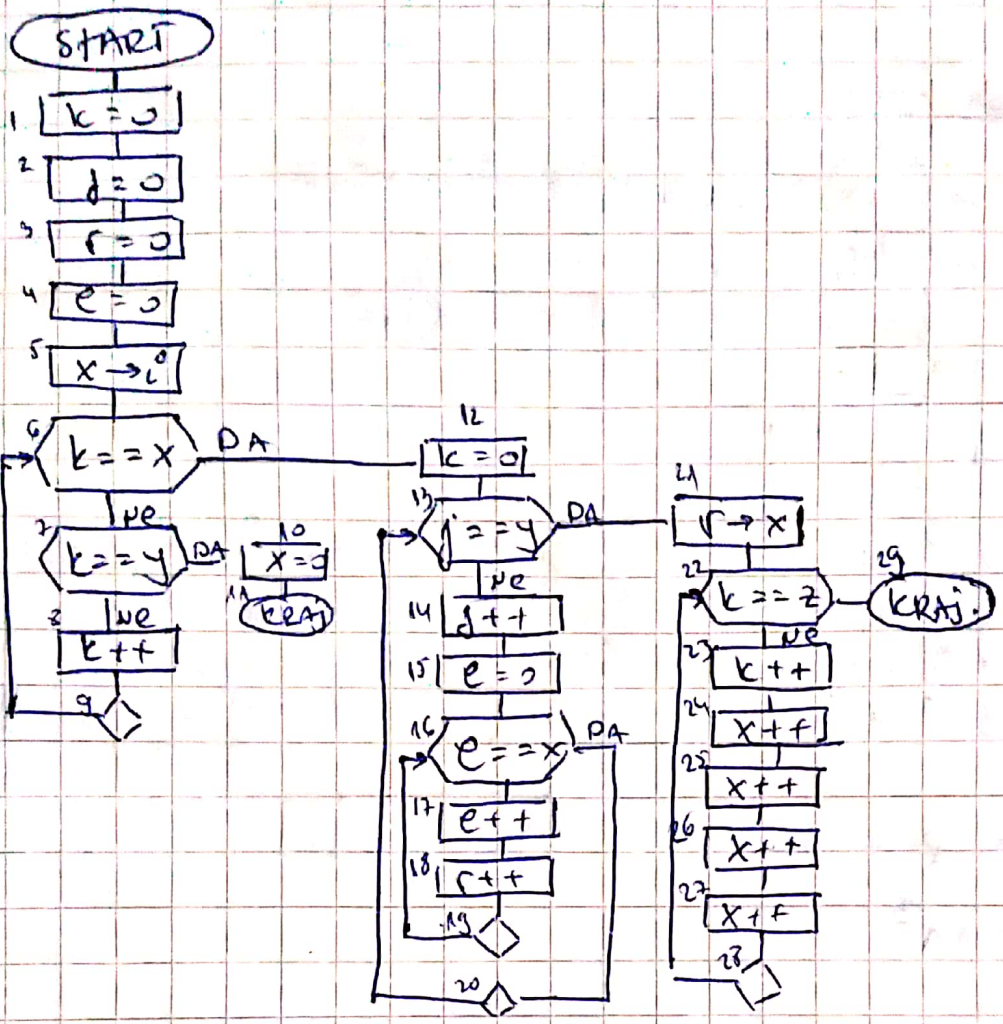
x	y	k	i°	r
1	2	3	4	5



1. Z(3)
2. Z(4)
3. Z(5)
4. J(4,2,12)
5. S(4)
6. Z(3)
7. J(3,1,11)
8. S(3)
9. S(5)
10. J(1,1,7)
11. J(1,1,4)
12. ~~Z~~(5,1)
13. J(1,1,100)

22. $f(x,y,z) = \begin{cases} x*y+42, & x \le y \\ 0, & x > y \end{cases}$

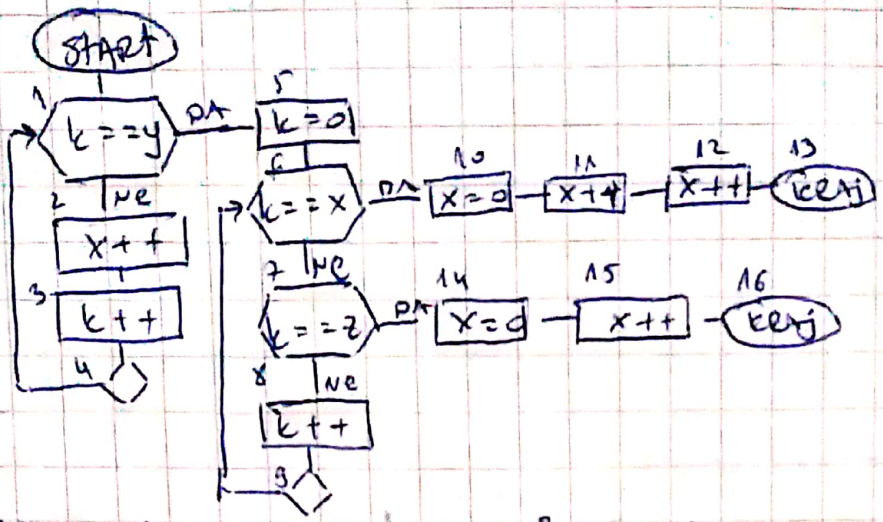
x	y	z	k	j	r	i°	e
1	2	3	4	5	6	7	8



1. Z(4)
2. Z(5)
3. Z(6)
4. Z(8)
5. T(1,7)
6. J(4,1,12)
7. J(4,2,10)
8. S(4)
9. J(1,1,6)
10. Z(1)
11. J(1,1,100)
12. Z(4)
13. J(5,2,21)
14. S(5)
15. Z(8)
16. J(8,1,20)
17. S(8)
18. S(6)
19. J(1,1,16)
20. J(1,1,13)
21. T(6,1)
22. J(4,3,29)
23. S(4)
24. S(1)
25. S(1)
26. S(1)
27. S(1)
28. J(1,1,22)
29. J(1,1,100)

23 $f(x,y,z) = \begin{cases} 1, & x+y>z \\ 2, & \text{inače} \end{cases}$

x	y	z	k
1	2	3	4

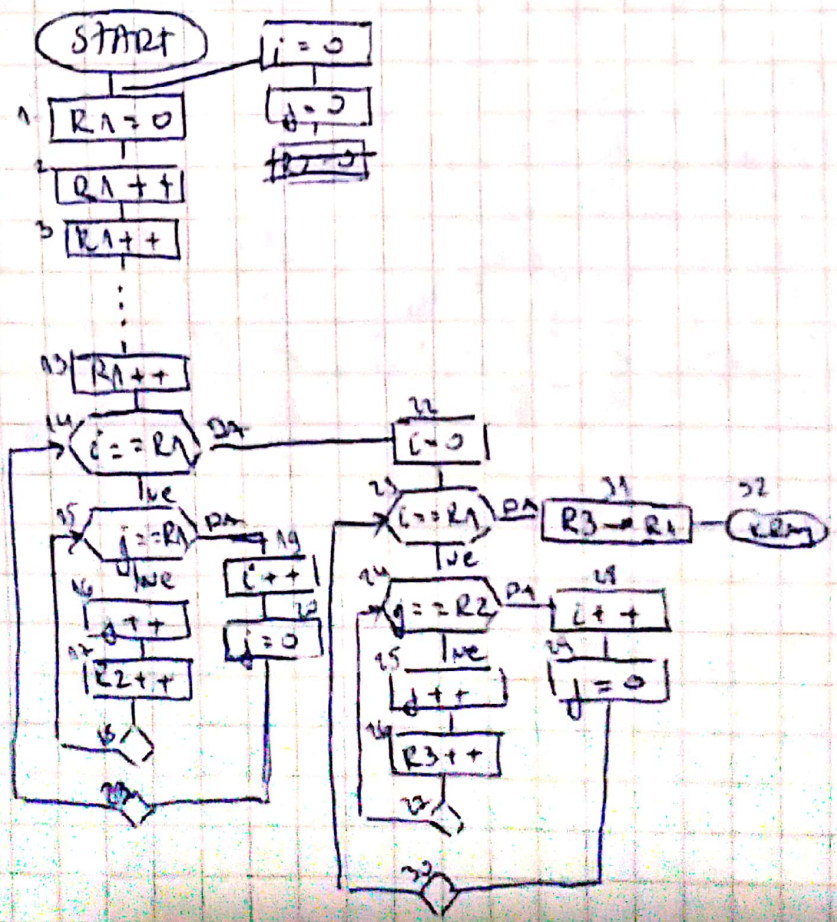


1. J(4,2,5)
2. S(1)
3. S(4)
4. J(1,1,1)
5. Z(4)
6. J(4,1,10)
7. J(4,3,10)
8. S(4)
9. J(1,1,6)
10. Z(1)
11. S(1)
12. S(1)
13. J(1,1,100)
14. Z(1)
15. S(1)
16. J(1,1,100)

24 1331 u prvi registar

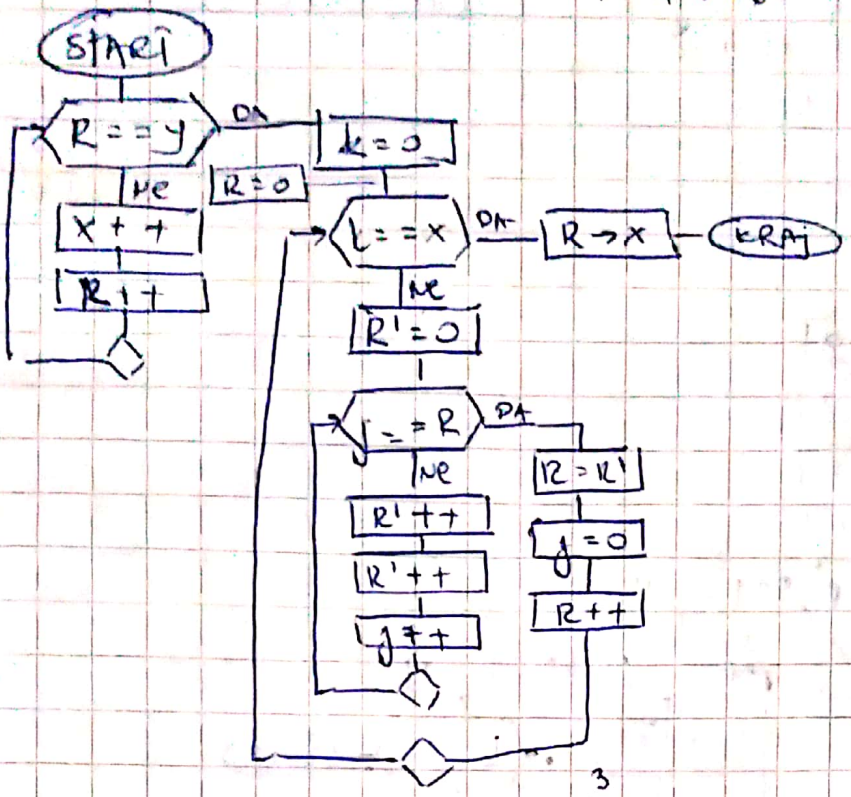
R1	R2	R3	i	j
1	2	3	4	5

$1331 = 11^3$



25 $f(x,y) = 2^{(x+y)}$

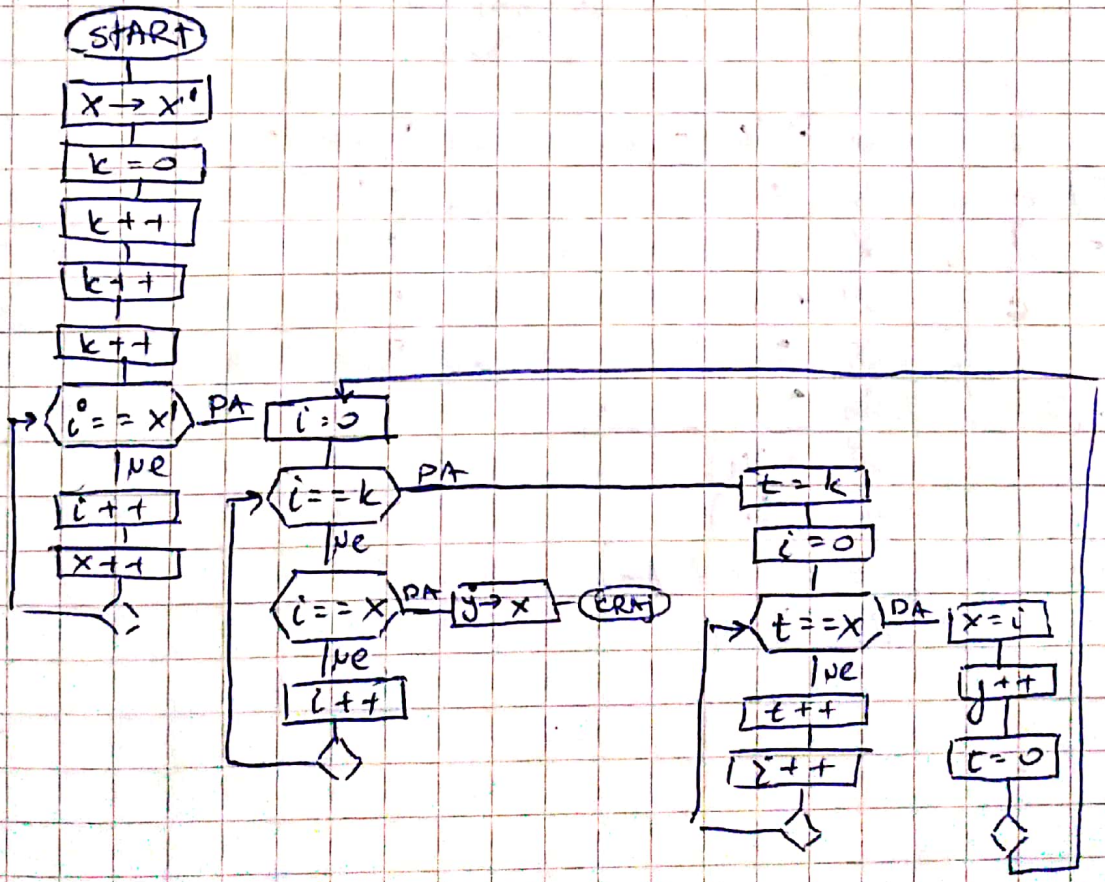
x	y	k	j	R	R'
1	2	3	4	5	6



26 $f(x,y) = \left[\frac{2x}{3}\right]$

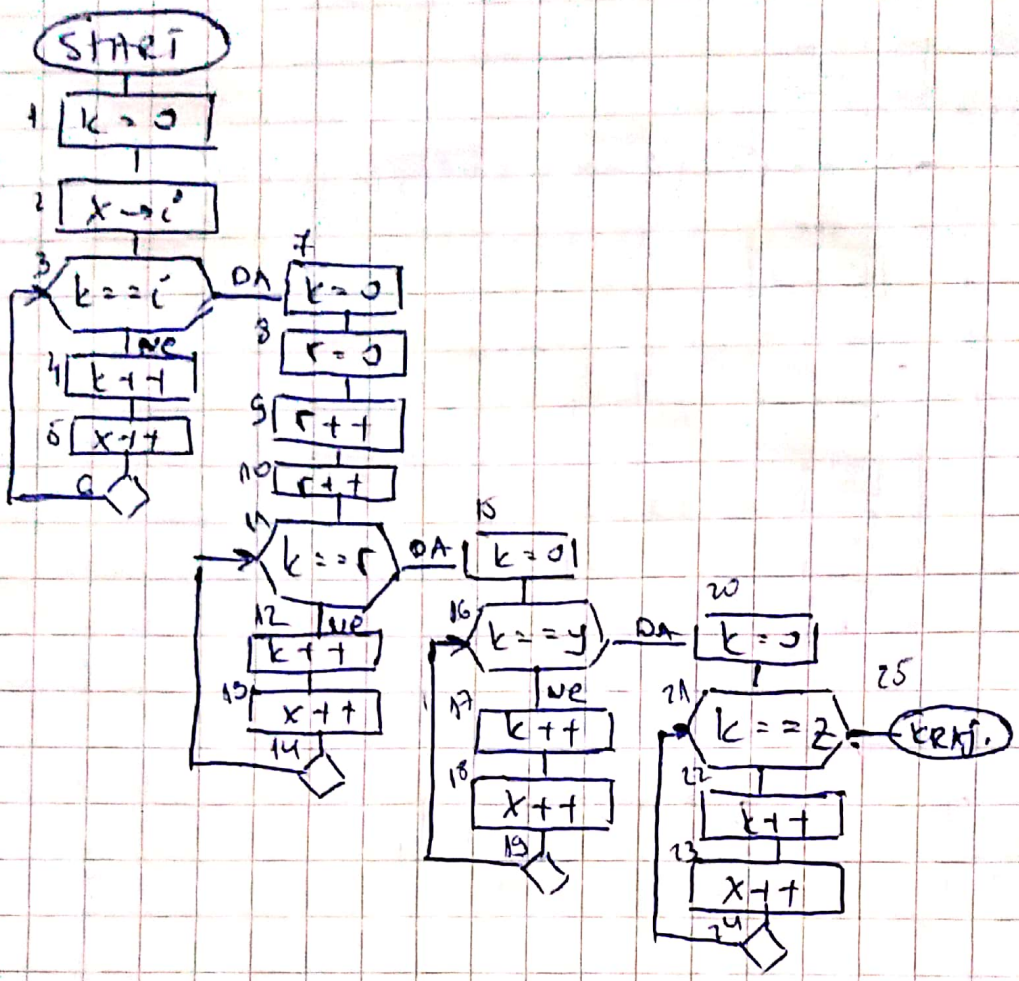
x	i	k	t	j	x'
1	2	3	4	5	

(k = 3)



27 $f(x,y,z) = 2(x+1) + y + z$

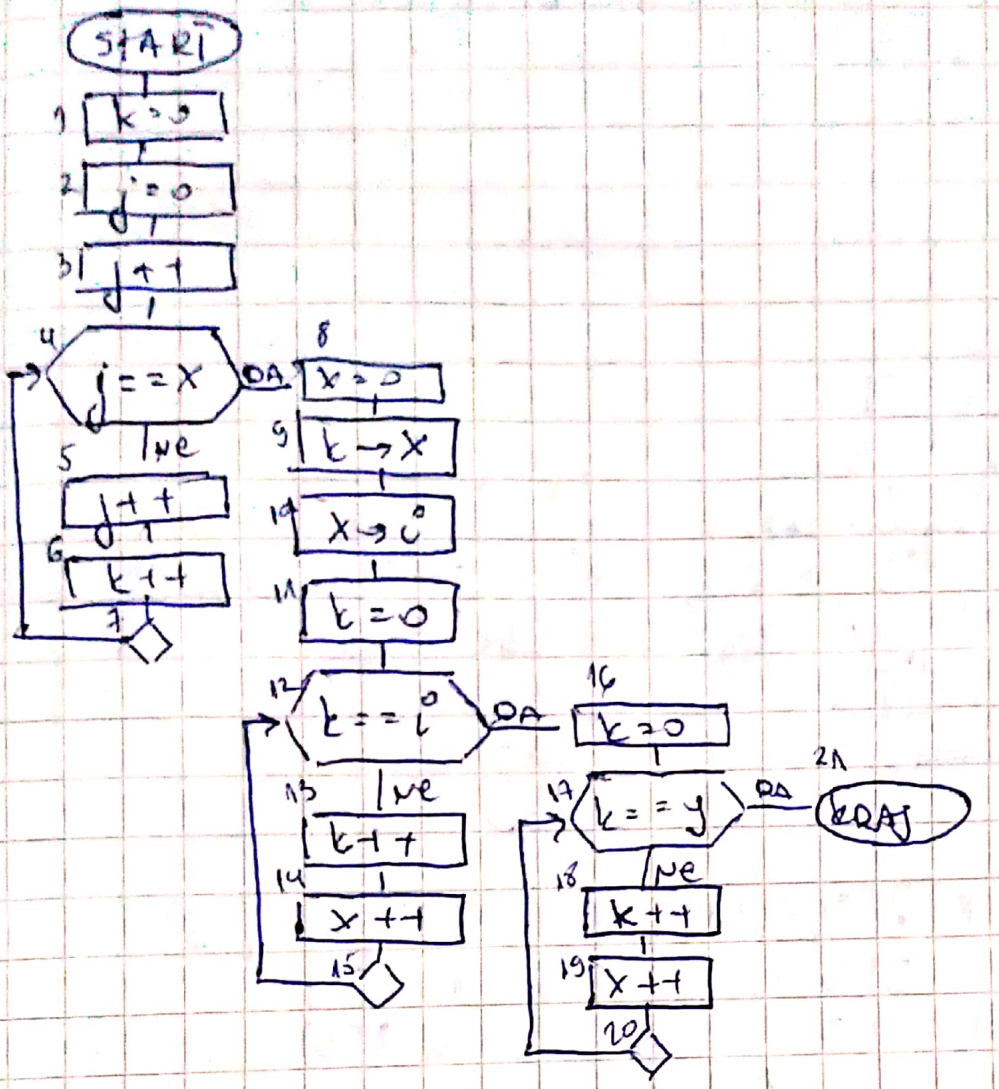
x	y	z	k	i	r	
1	2	3	4	5	6	



1. Z(4)
2. I(1,5)
3. J(4,5,7)
4. S(4)
5. S(1)
6. J(1,1,3)
7. Z(4)
8. Z(6)
9. S(6)
10. S(6)
11. J(4,6,15)
12. S(4)
13. S(1)
14. J(1,1,11)
15. Z(4)
16. J(4,2,20)
17. S(4)
18. S(1)
19. J(1,1,16)
20. Z(4)
21. J(4,3,25)
22. S(4)
23. S(1)
24. J(1,1,21)
25. J(1,1,100)

28) $J(x,y) = 2(x-1)+y$

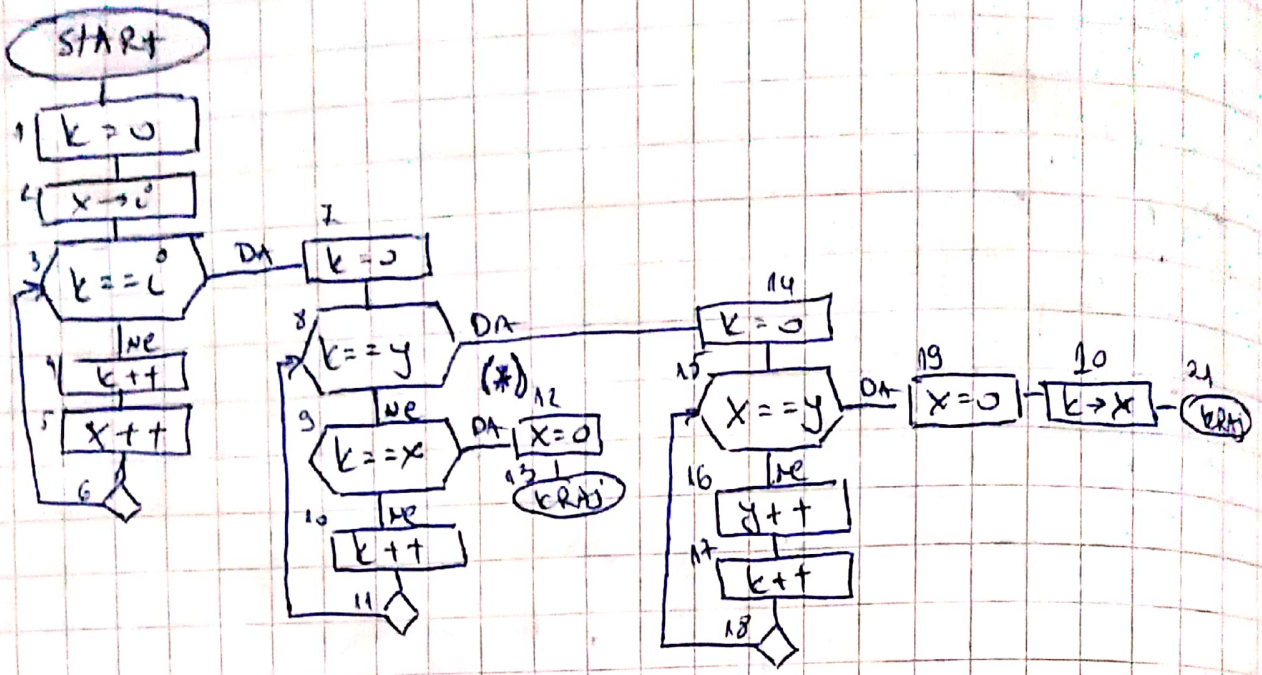
x	y	k	i	j
1	2	3	4	5



1. Z(3)
2. Z(5)
3. S(5)
4. J(5,11,8)
5. S(5)
6. S(3)
7. J(11,11,4)
8. Z(11)
9. T(3,11)
10. T(11,4)
11. Z(13)
12. J(13,4,16)
13. S(3)
14. S(11)
15. J(11,11,12)
16. Z(13)
17. J(13,2,21)
18. S(3)
19. S(11)
20. J(11,11,17)
21. J(11,11,100)

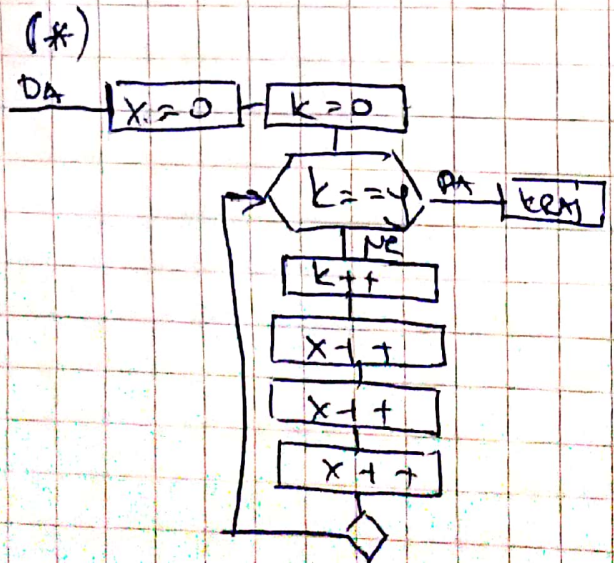
29 $f(x,y) = \begin{cases} 2x-y, & 2x \geq y \\ 0, & \text{inače} \end{cases}$

x	y	k	i
1	2	3	4



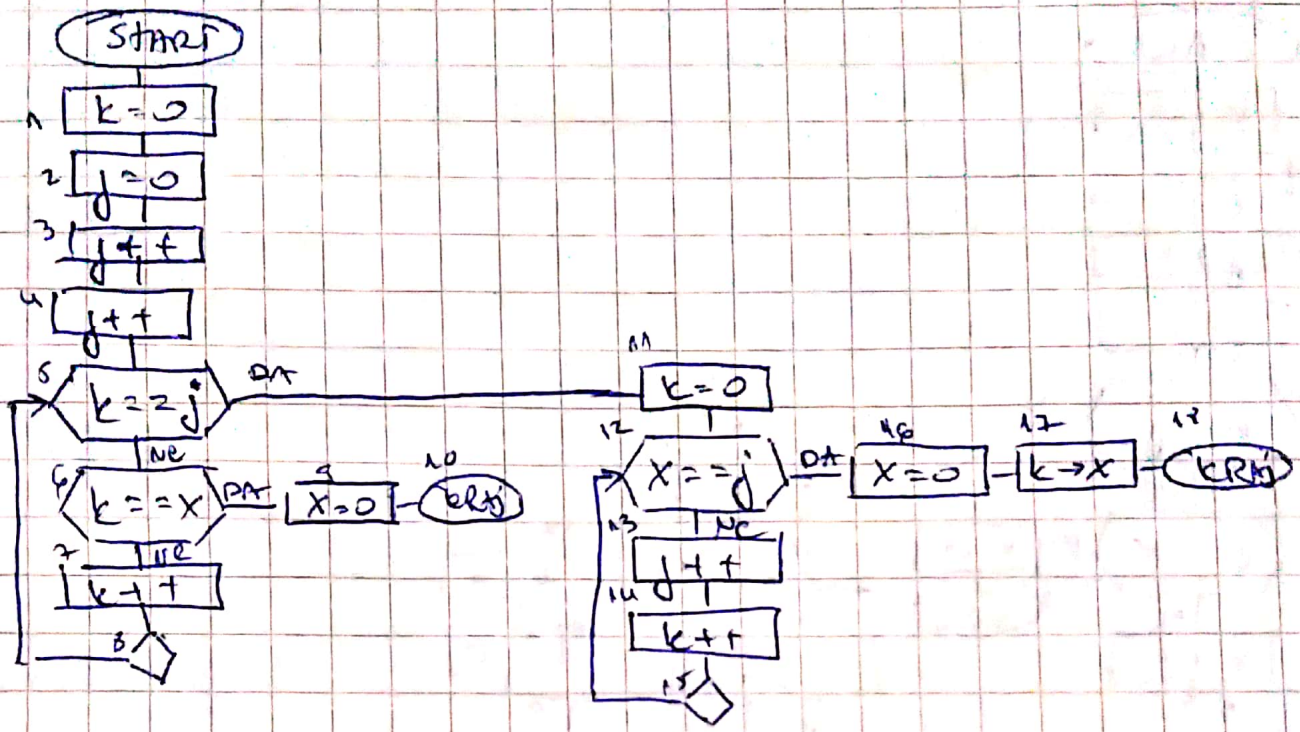
1. Z(3)
2. T(1,4)
3. J(3,4,7)
4. S(3)
5. S(1)
6. J(1,1,3)
7. Z(3)
8. J(3,2,14)
9. J(3,1,12)
10. S(3)
11. J(1,1,8)
12. Z(1)
13. J(1,1,100)
14. Z(3)
15. J(1,-2,19)
16. S(2)
17. S(3)
18. J(1,1,15)
19. Z(1)
20. T(3,1)
21. J(1,1,100

29a $f(x,y) = \begin{cases} 2x-y, & 2x \geq y \\ 3y, & \text{inače} \end{cases}$



30 $f(x) = \begin{cases} x-2, & x \geq 2 \\ 0, & \text{inače} \end{cases}$

X	k	j
1	2	3

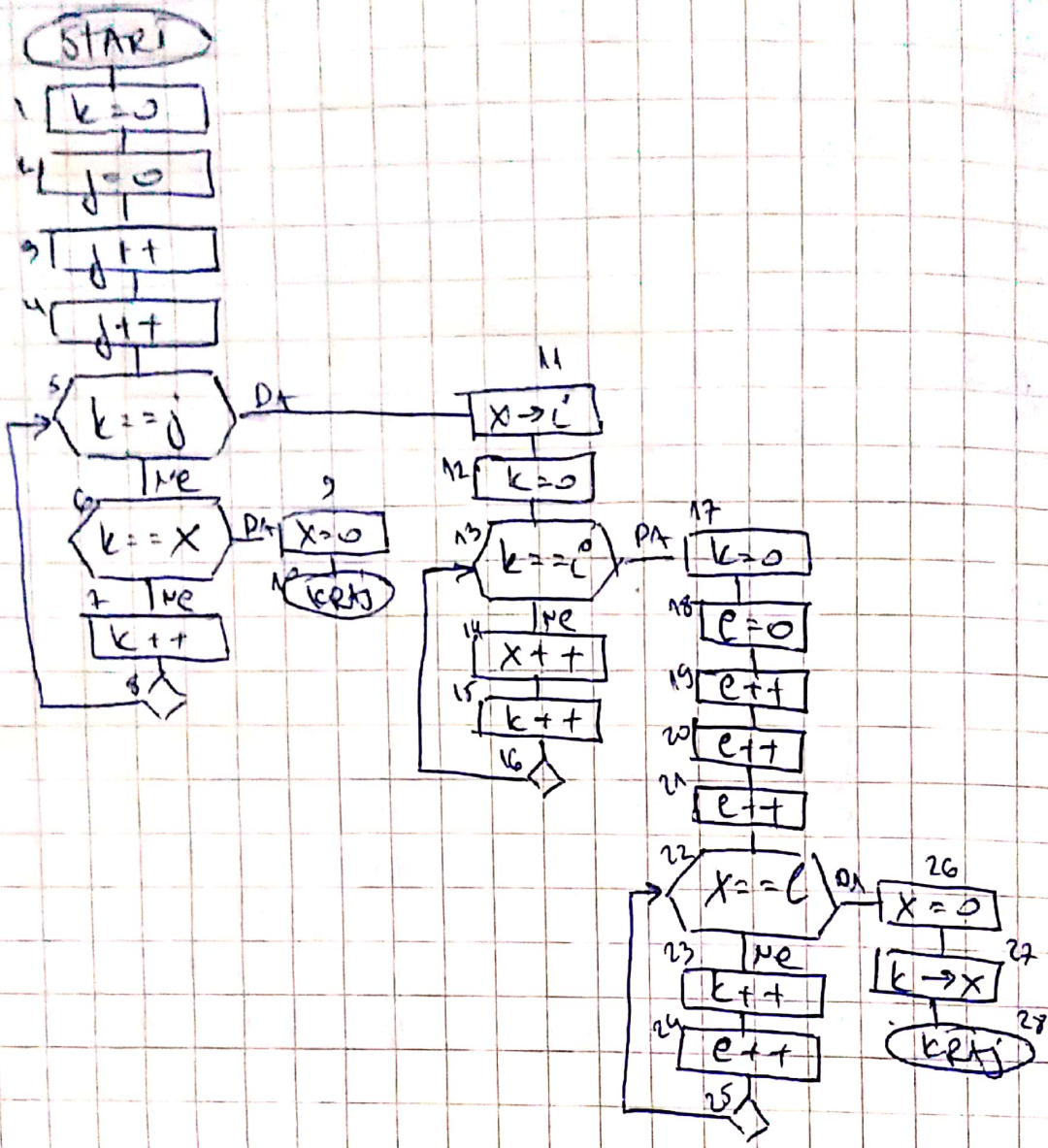


1. Z(2)
2. Z(3)
3. S(3)
4. S(4)
5. J(2, 3, 11)
6. J(2, 1, 9)
7. S(2)
8. J(1, 1, 5)
9. Z(1)
10. J(1, 1, 100)
11. Z(2)
12. J(1, 3, 16)
13. S(3)
14. S(2)
15. J(1, 1, 12)
16. Z(1)
17. T(2, 1)
18. J(1, 1, 100)

5A

$$f(x) = \begin{cases} 2x-3, & x \geq 2 \\ 0, & \text{inaczej} \end{cases}$$

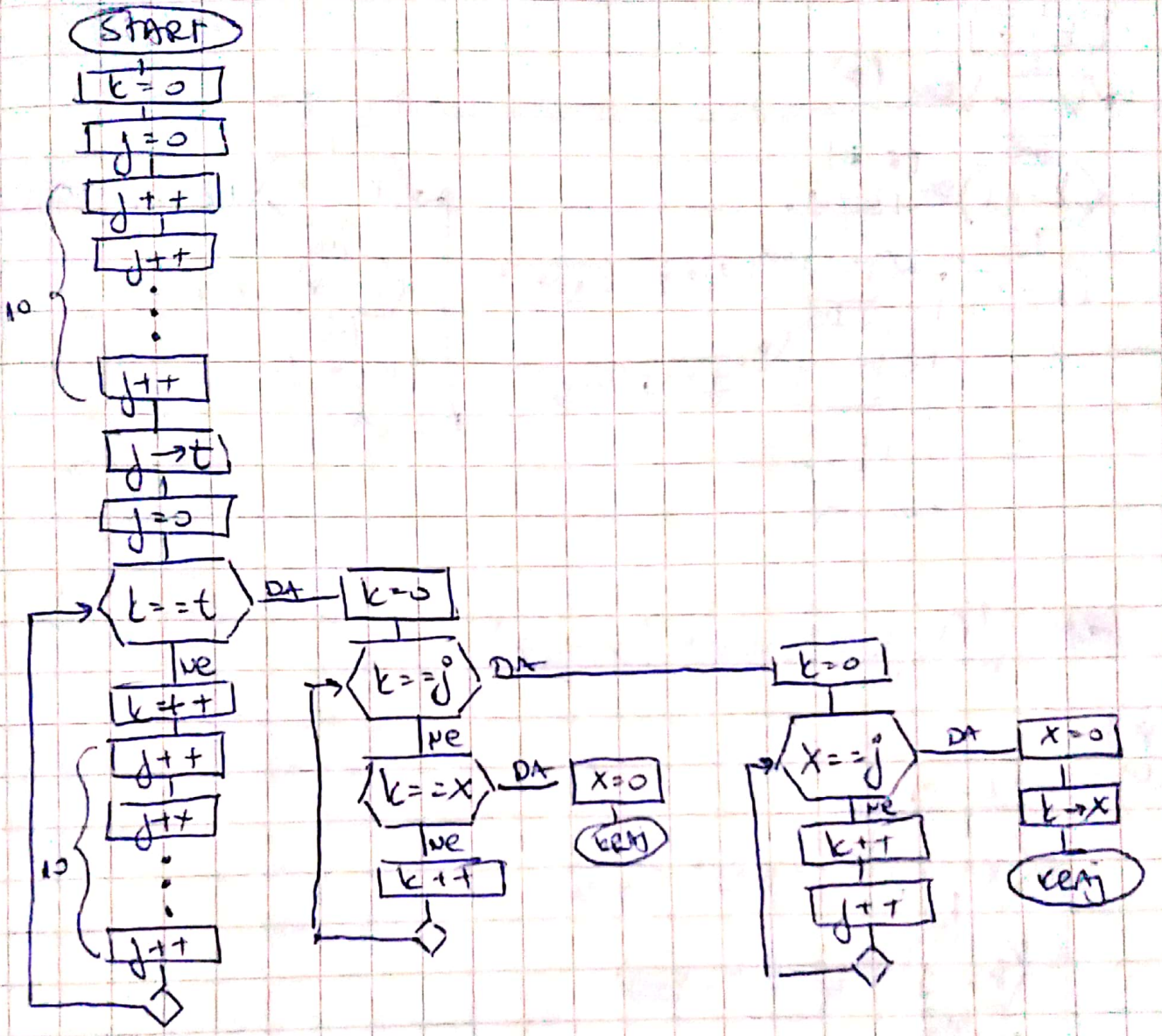
x	k	i	j	e
1	2	3	4	5



1. Z(2)
2. Z(4)
3. S(4)
4. S(4)
5. J(2, 4, 11)
6. J(2, 1, 9)
7. S(2)
8. J(1, 1, 5)
9. Z(1)
10. J(1, 1, 100)
11. T(1, 3)
12. Z(2)
13. J(2, 3, 17)
14. S(1)
15. S(2)
16. J(1, 1, 13)
17. Z(2)
18. Z(5)
19. S(5)
20. S(5)
21. S(5)
22. J(1, 5, 26)
23. S(2)
24. S(5)
25. J(1, 1, 22)
26. Z(1)
27. T(2, 1)
28. J(1, 1, 100)

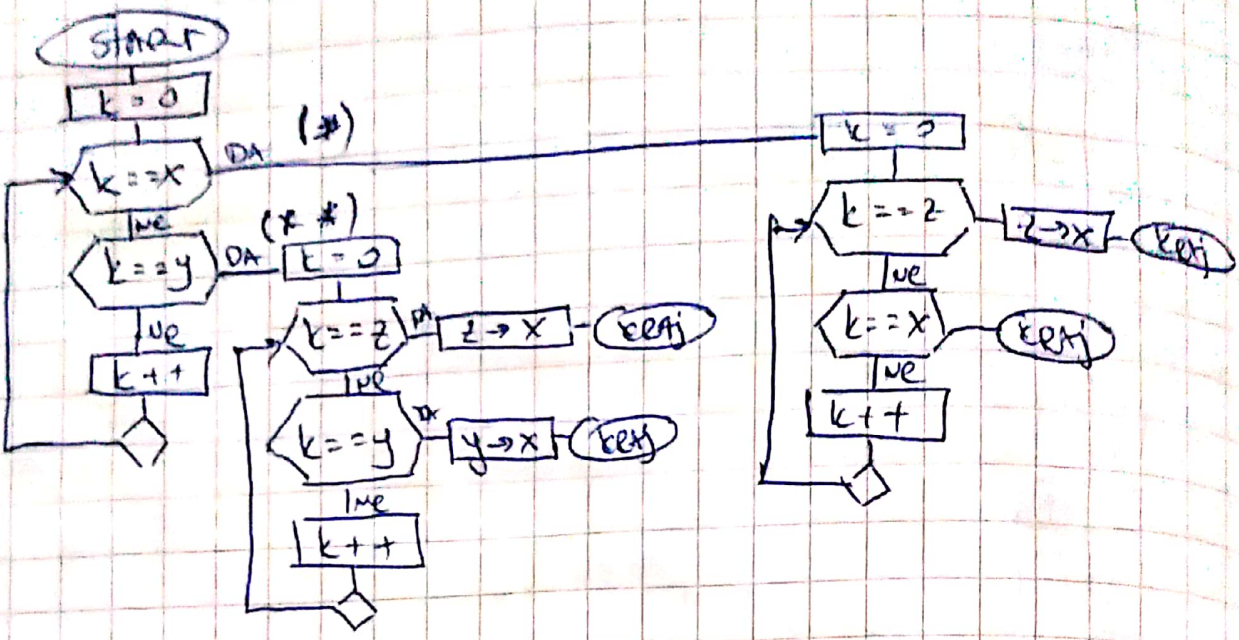
32. $f(x) = \begin{cases} x-100, & x \geq 100 \\ 0, & \text{inače} \end{cases}$

x	k	j	t		
1	2	3	4		

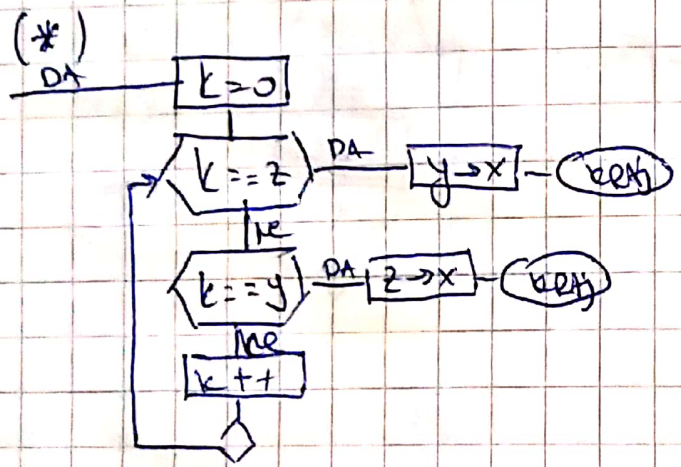


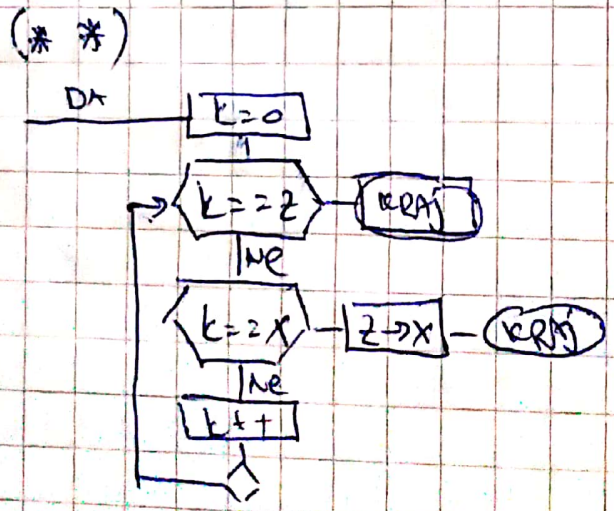
33 $f(x,y,z) = \min(x,y,z)$

x	y	z	k
1	2	3	4



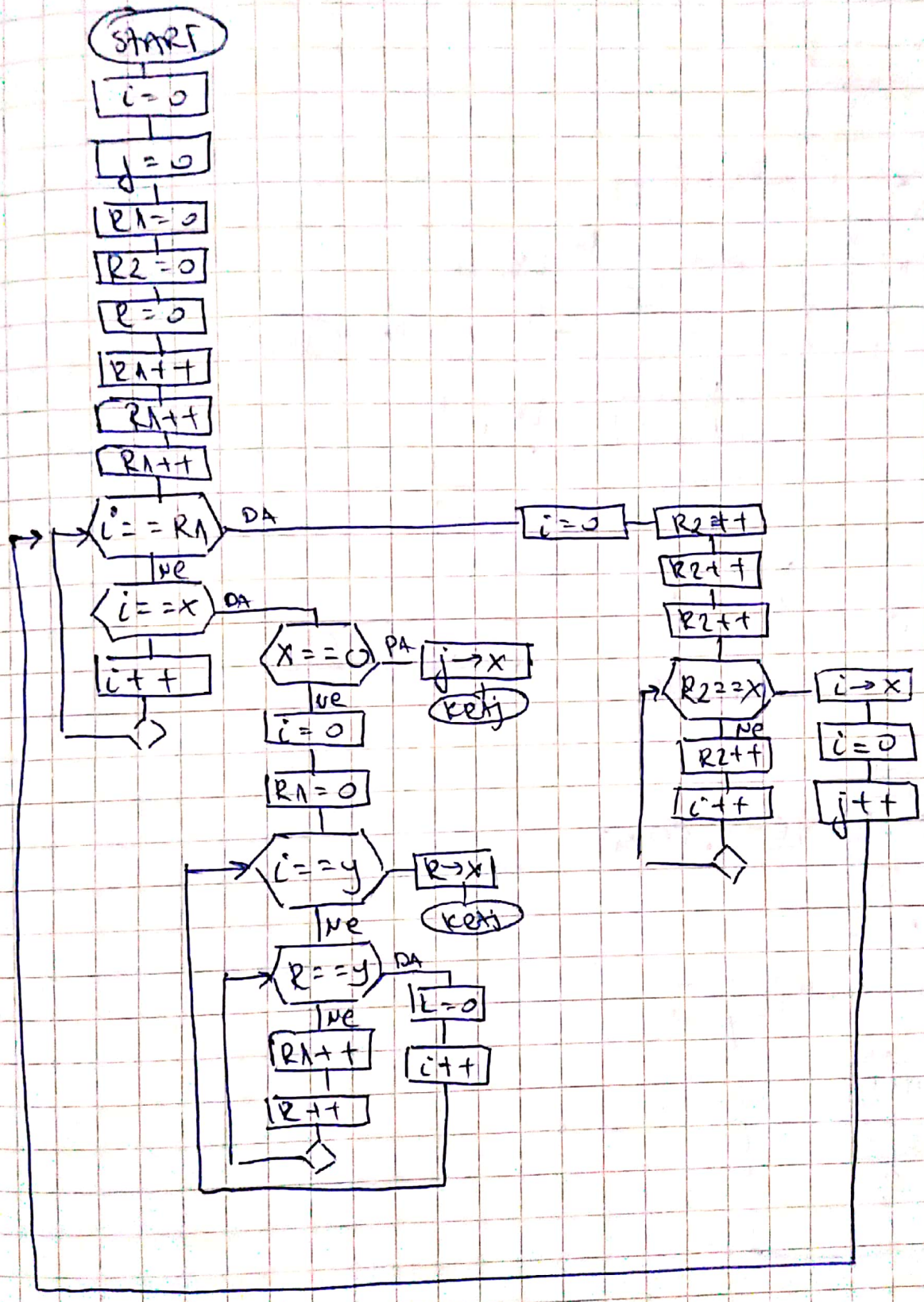
34 ~~(**)~~ $f(x,y,z) = \max(x,y,z)$





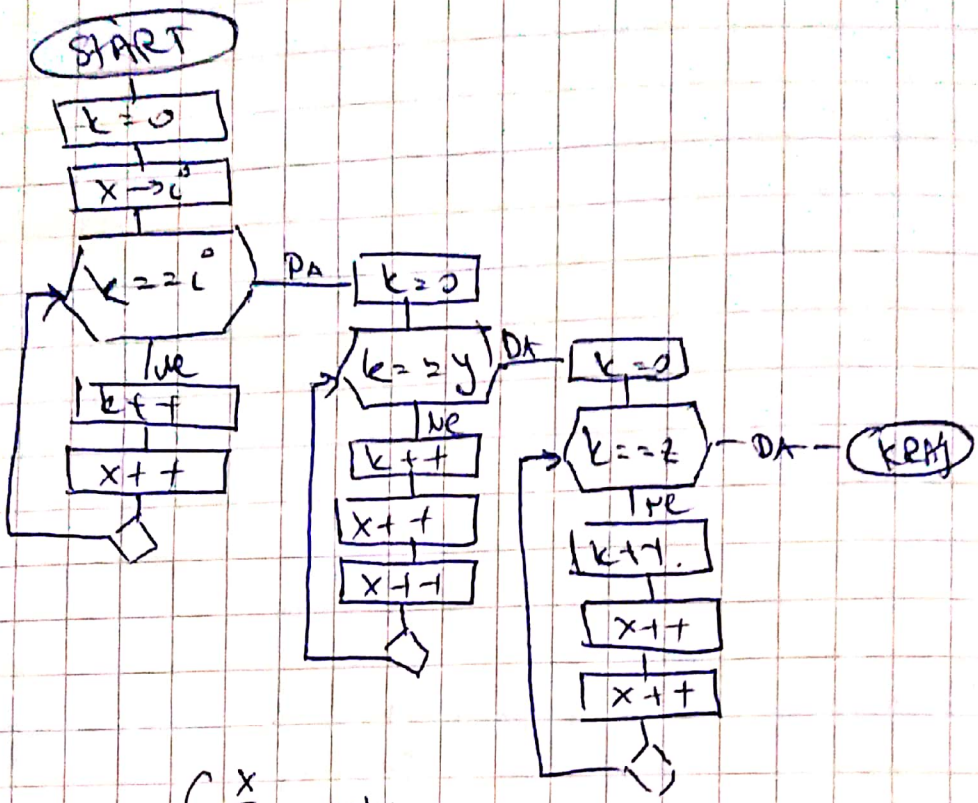
35 $f(x,y) = \begin{cases} \frac{x}{3}, & 3 \mid x \\ y^2, & \text{inaie} \end{cases}$

x	y	i	j	R1	R2	R	



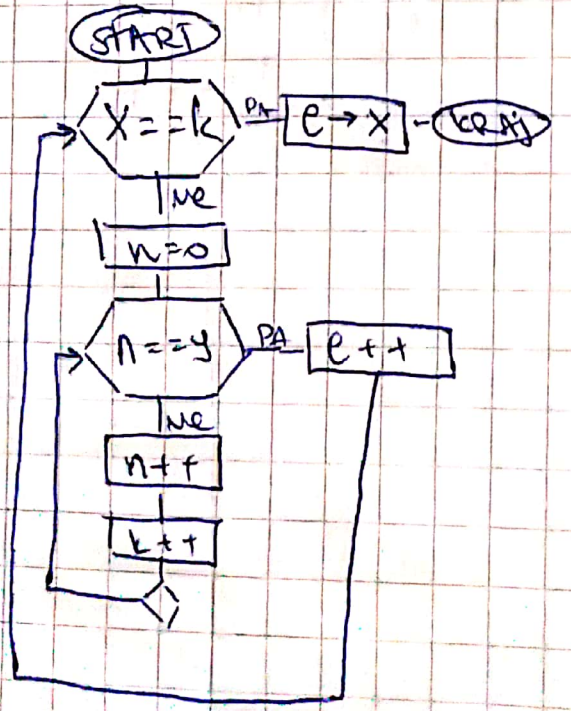
36 $f(x,y,z) = 2(x+y+z)$

x	y	z	k	i°



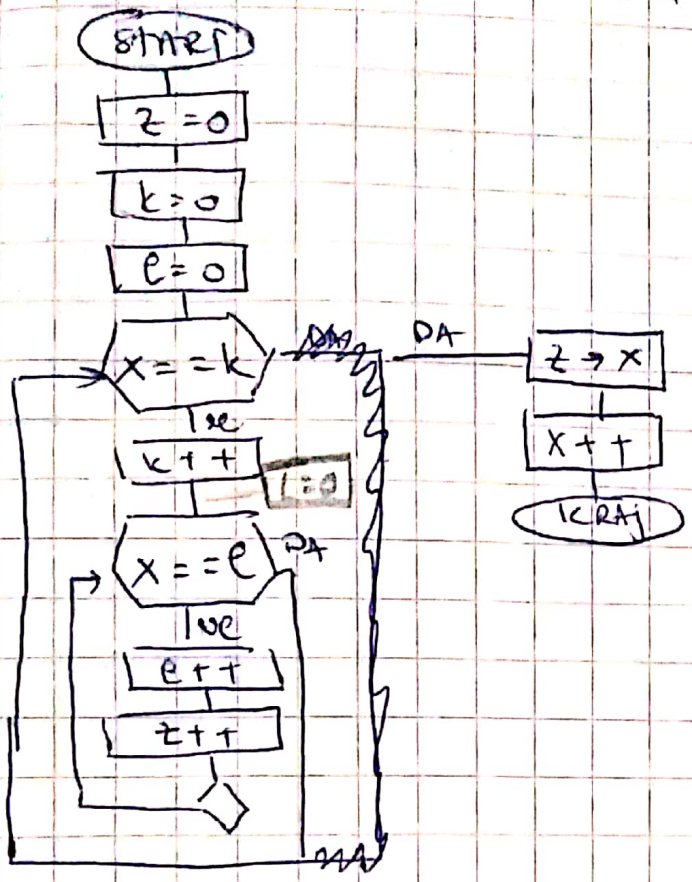
37 $f(x,y) = \begin{cases} \frac{x}{y}, & x \mid y \\ \uparrow, & \text{inače} \end{cases}$

x	y	k	n	e	
1	2	3	4	5	



38. $f(x) = x^2 + 1$

x	z	k	e
1	2	3	4



x = 2 k=0 e=0
k=1 e=1
k=2 e=2
z=1
z=2