

16. ožujka 2016. od 9:00 do 11:00



Državno natjecanje / Osnovna škola (6. razred)
Algoritmi (Logo)

SLUŽBENI TEST PRIMJERI



Agencija za odgoj i obrazovanje
Education and Teacher Training Agency



HRVATSKI SAVEZ
INFORMATIČARA



Ministarstvo znanosti,
obrazovanja i sporta



HRVATSKA
ZAJEDNICA
TEHNIČKE
KULTURE

Zadatak 1: Hashtag

30 bodova

	Primjer	Slika	Bodovi
Test 1	CS HASHTAG 50 250 50	Slika 1.1	3
Test 2	CS HASHTAG 40 200 30	Slika 1.2	3
Test 3	CS HASHTAG 50 200 20	Slika 1.3	3
Test 4	CS HASHTAG 50 200 50	Slika 1.4	3
Test 5	CS HASHTAG 30 150 40	Slika 1.5	3
Test 6	CS HASHTAG 60 150 10	Slika 1.6	3
Test 7	CS HASHTAG 60 180 30	Slika 1.7	3
Test 8	CS HASHTAG 70 200 0	Slika 1.8	3
Test 9	CS HASHTAG 40 160 0	Slika 1.9	3
Test 10	CS HASHTAG 30 180 0	Slika 1.10	3

Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Zadatak 2: Munja

40 bodova

	Primjer	Slika	Bodovi
Test 1	CS MUNJA 60 200 40	Slika 2.1	4
Test 2	CS MUNJA 100 100 50	Slika 2.2	4
Test 3	CS MUNJA 80 180 50	Slika 2.3	4
Test 4	CS MUNJA 50 200 70	Slika 2.4	4
Test 5	CS MUNJA 60 220 100	Slika 2.5	4
Test 6	CS MUNJA 200 150 30	Slika 2.6	4
Test 7	CS MUNJA 150 120 20	Slika 2.7	4
Test 8	CS MUNJA 100 150 0	Slika 2.8	4
Test 9	CS MUNJA 150 100 0	Slika 2.9	4
Test 10	CS MUNJA 130 130 0	Slika 2.10	4

Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Zadatak 3: Cezar

60 bodova

	Primjer	Izlaz	Bodovi
Test 1	PR CEZAR "koala 0	koala	6
Test 2	PR CEZAR "kapa 3	ndsd	6
Test 3	PR CEZAR "mrules -3	joribp	6
Test 4	PR CEZAR "televizor -1	sdkduhynq	6
Test 5	PR CEZAR "internet 6	otzkxtkz	6
Test 6	PR CEZAR "tezina 26	tezina	6
Test 7	PR CEZAR "zvonko -10	pledade	6
Test 8	PR CEZAR "mirk 35	vrat	6
Test 9	PR CEZAR "aksiom -40	mweuay	6
Test 10	PR CEZAR "zamjena 117	mnzwrn	6

Napomena: Bodovi se dodjeljuju ako je ispis točan i nije se dogodila greška.

Zadatak 4: Poligon

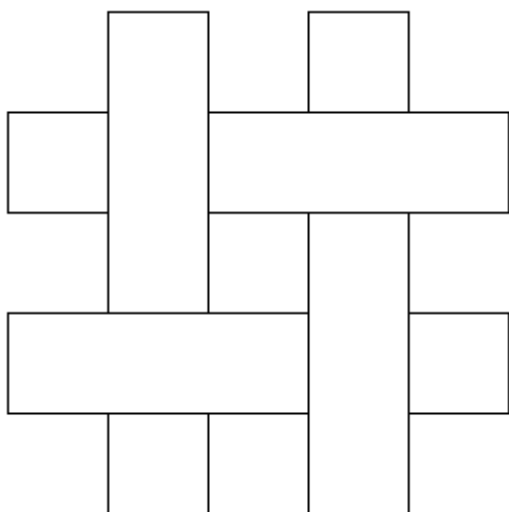
70 bodova

	Primjer	Slika	Bodovi
Test 1	CS FD 150 POLIGON [[0 0] [200 200] [100 0]]	Slika 4.1	7
Test 2	CS POLIGON [[0 0] [0 50] [75 75] [100 50]]	Slika 4.2	7
Test 3	CS POLIGON [[0 0] [0 50] [75 75] [100 50] [-100 -200] [-100 200]]	Slika 4.3	7
Test 4	CS BK 100 POLIGON [[0 0] [100 100] [0 100] [100 0]]	Slika 4.4	7
Test 5	CS BK 100 POLIGON [[-206 -198] [-143 38] [-232 -49] [-75 -91] [-37 -40]]	Slika 4.5	7
Test 6	CS POLIGON [[0 0] [-100 0] [-50 0] [-150 0] [50 0] [150 0] [100 0] [0 100] [0 150] [0 50] [0 -50] [0 -150] [0 -100]]	Slika 4.6	7
Test 7	CS POLIGON [[150 0] [150 150] [150 100] [150 50] [0 0] [0 100] [0 150] [0 50] [100 150] [100 0] [100 100] [100 50] [50 0] [50 100] [50 150] [50 50]]	Slika 4.7	7
Test 8	CS POLIGON [[-31 126] [0 -113] [-40 41] [-74 22] [54 -101] [108 62] [-101 -50] [-24 -79] [13 -187] [-62 -98] [-31 -61] [-36 99] [-160 -3] [-203 66] [-25 74] [-161 -33] [-170 -52] [-111 -135] [-236 64] [-184 -195]]	Slika 4.8	7
Test 9	CS POLIGON [[87 -68] [-149 30] [-123 -36] [-45 70] [4 -93] [-31 -63] [13 36] [-142 -205] [-104 18] [37 -43] [11 -146] [-66 81] [-222 -131] [-21 -20] [-55 -239] [34 16] [-119 -101] [128 28] [55 -68] [-149 -143] [-168 77] [125 73] [-9 -100] [-154 -126] [-122 -46]]	Slika 4.9	7
Test 10	CS POLIGON [[-105 -166] [18 67] [-155 -115] [-3 -105] [0 -173] [-27 -127] [-17 -29] [12 -52] [39 -2] [-64 -95] [-100 6] [-28 -242] [14 -31] [-54 7] [-9 -1] [-124 -228] [-118 11] [-141 -26] [-17 -98] [-50 -40] [-31 -174] [-42 -203] [41 -160] [33 -198] [29 -63] [-57 -116] [-152 -50] [-64 -71] [-15 9] [2 -33]]	Slika 4.10	7

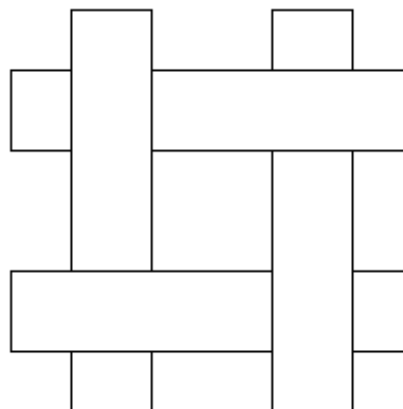
Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Slike 1: Hashtag

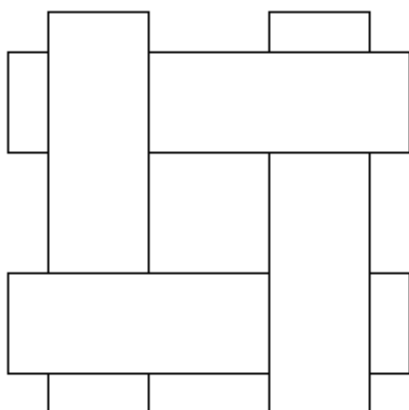
Slika 1.1



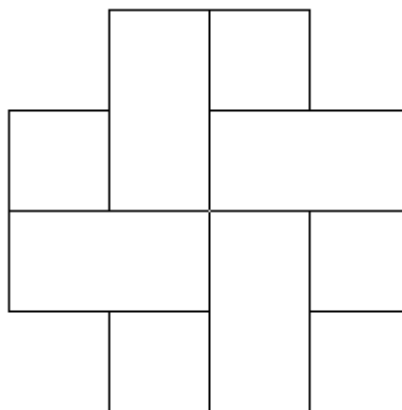
Slika 1.2



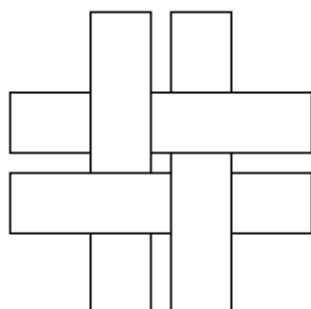
Slika 1.3



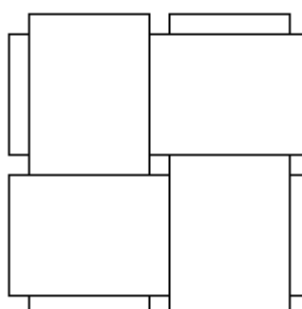
Slika 1.4



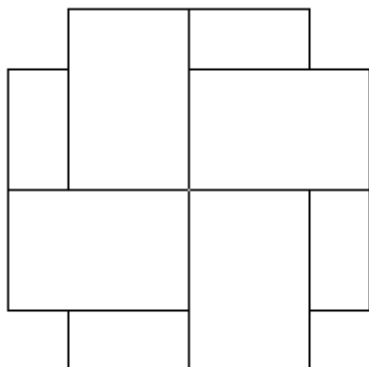
Slika 1.5



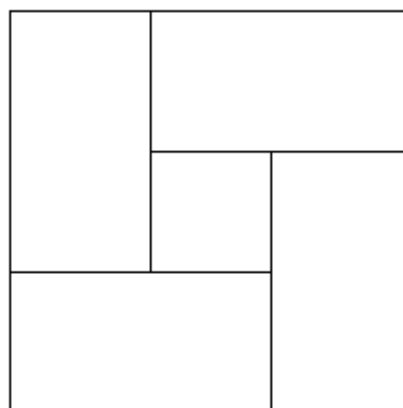
Slika 1.6



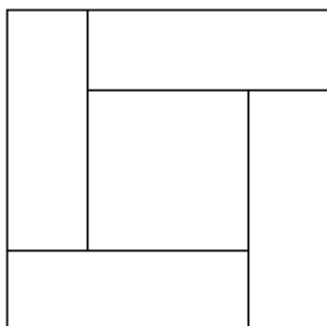
Slika 1.7



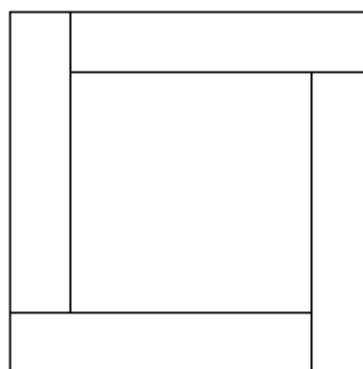
Slika 1.8



Slika 1.9

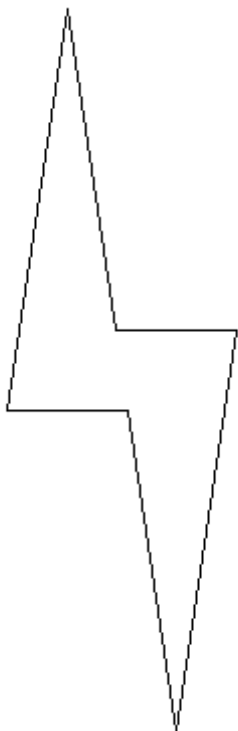


Slika 1.10

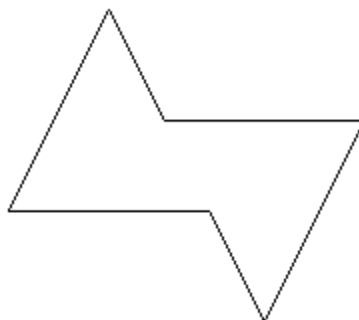


Slike 2: Munja

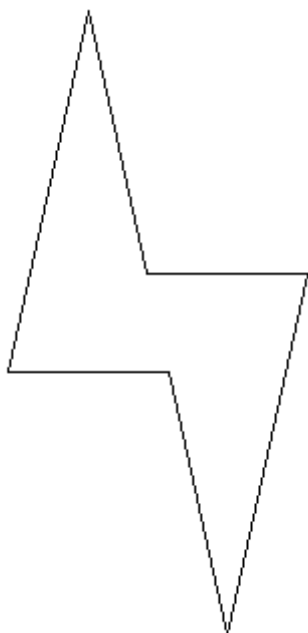
Slika 2.1



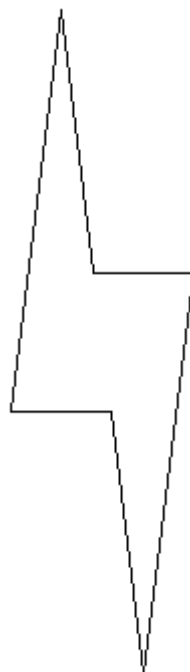
Slika 2.2



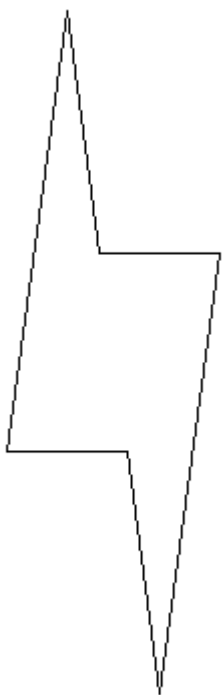
Slika 2.3



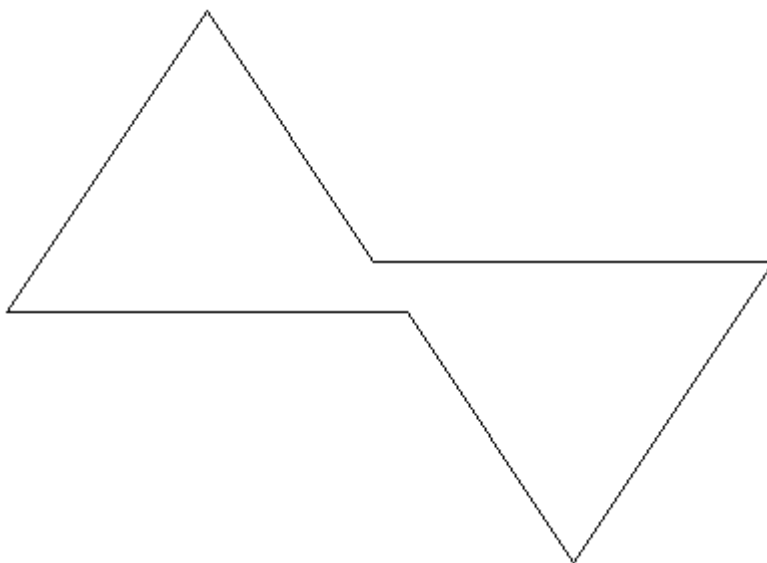
Slika 2.4



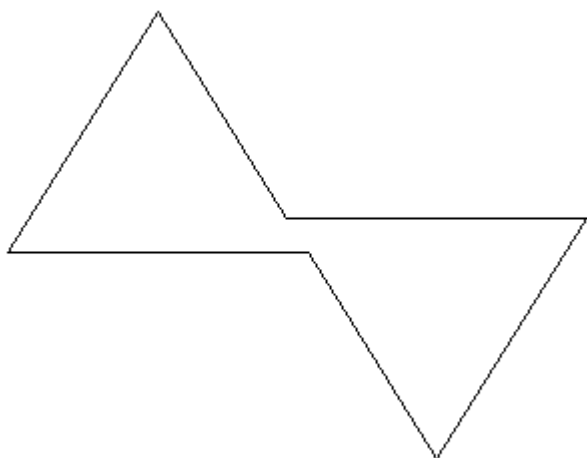
Slika 2.5



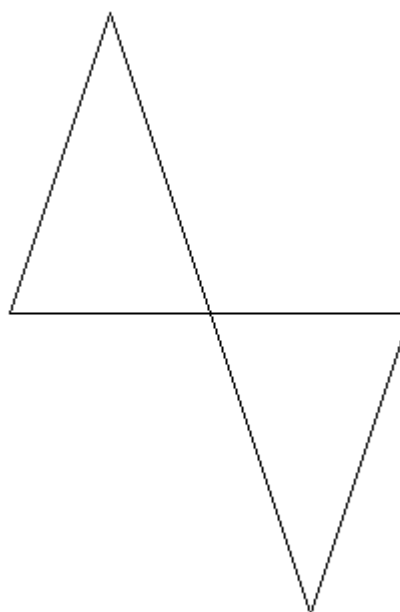
Slika 2.6



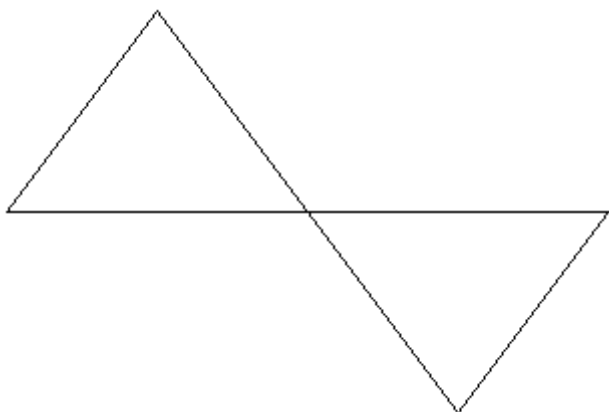
Slika 2.7



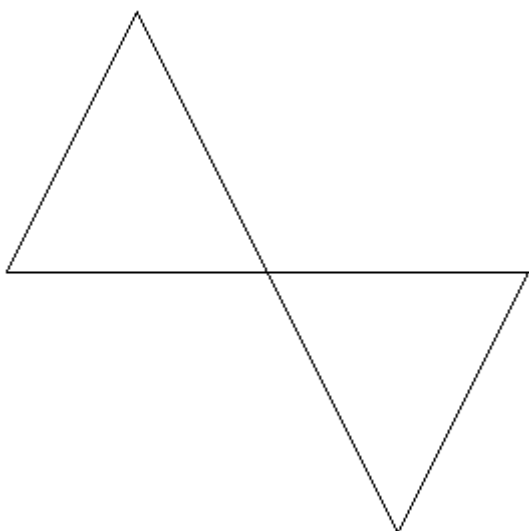
Slika 2.8



Slika 2.9

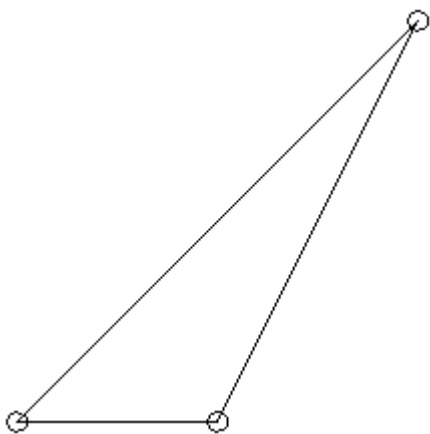


Slika 2.10

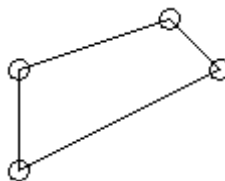


Slike 4: Poligon

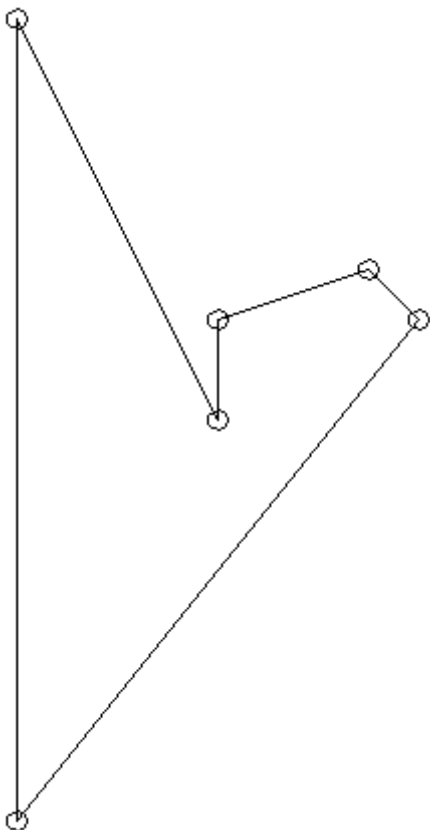
Slika 4.1



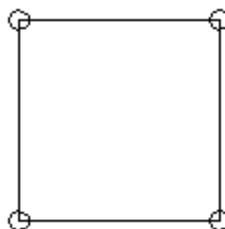
Slika 4.2



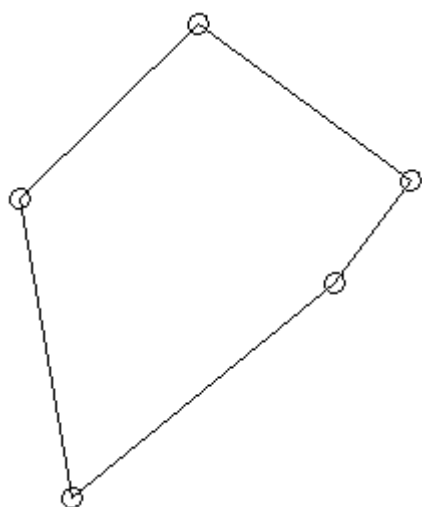
Slika 4.3



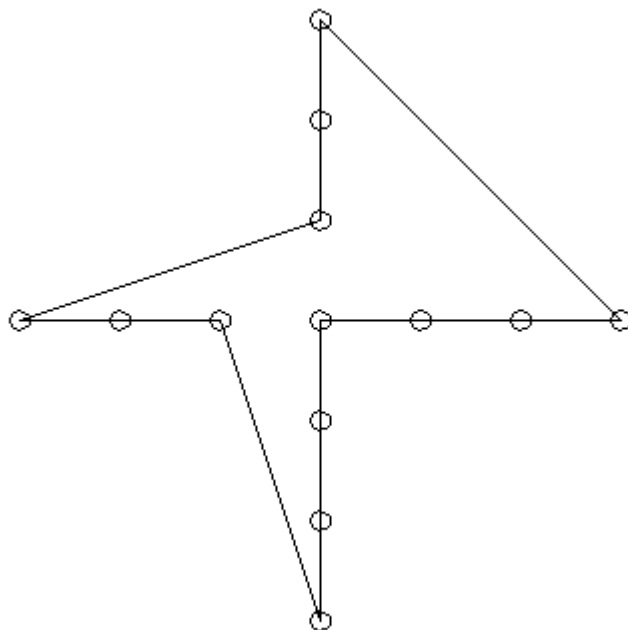
Slika 4.4



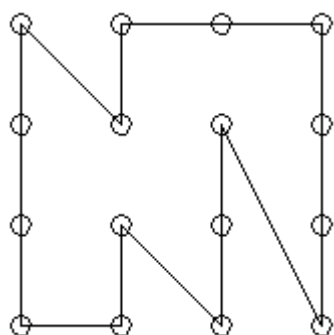
Slika 4.5



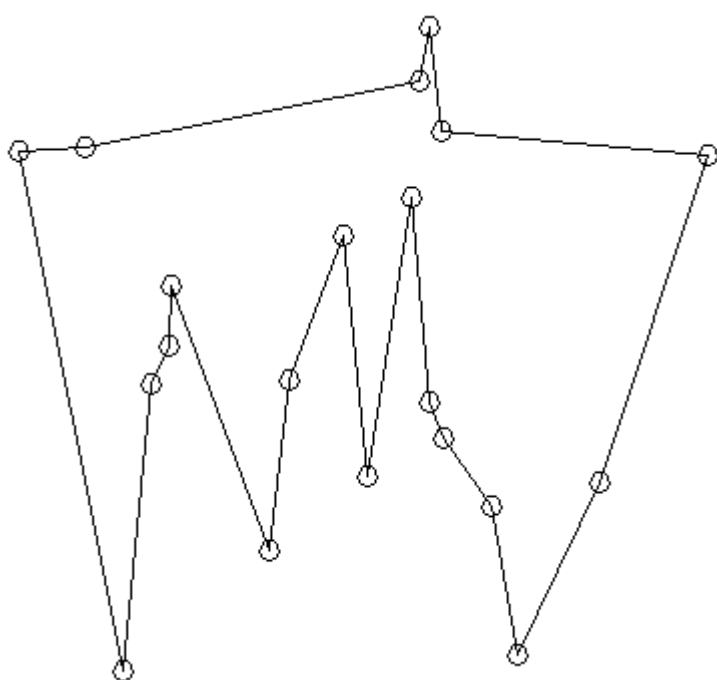
Slika 4.6



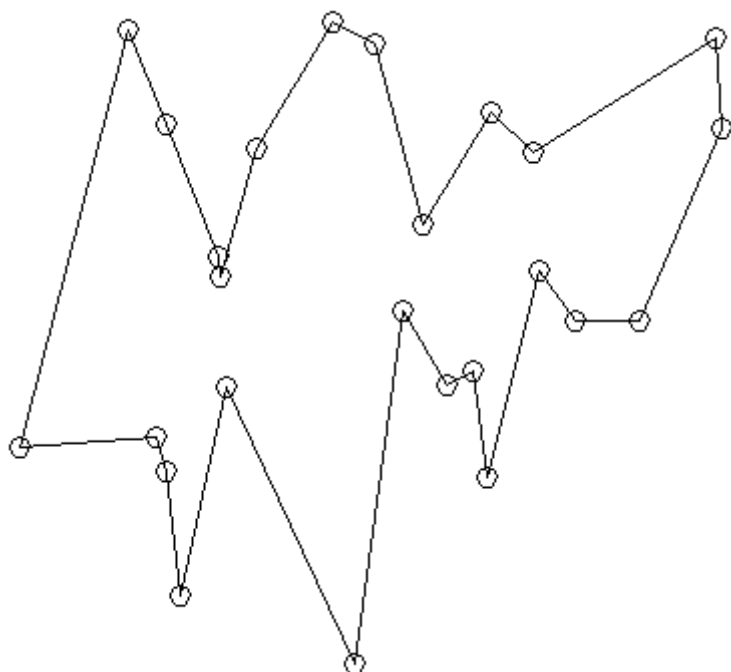
Slika 4.7



Slika 4.8



Slika 4.9



Slika 4.10

