



HRVATSKA LOGO LIGA

1. kolo
od 19. do 29. listopada 2018.

Službeni test podaci

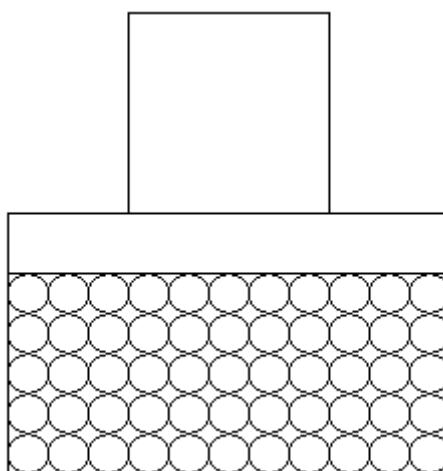
Uputa za bodovanje

Svaki se zadatak boduje pomoću unaprijed koncipiranih test podataka koje možete pronaći u nastavku ovog dokumenta. Pojedini test podatak definiran je ulazom (pozivom programa), službenim izlazom te brojem bodova koje je na tom test podatku moguće osvojiti. Bodovi se na pojedinom test podatku dodjeljuju samo ako se izlaz programa slaže sa službenim izlazom te je program, unutar predviđenog vremenskog ograničenja, **regularno** završio s izvođenjem. Regularno završavanje programa podrazumijeva da se prilikom izvršavanja nije pojavila nikakva poruka o pogrešci.

Izlaz programa u jeziku Logo može biti grafički ili tekstualan (brojevi, riječi, liste). U slučaju tekstualnog izlaza, rješenje smatramo ispravnim samo ako je identično službenom rješenju. Primjerice, ako je ispravno rješenje nekog test primjera riječ "BANANA, izlazi poput ["BANANA] ili [B A N A N A] ne smatraju se ispravnim. U slučaju grafičkog izlaza, rješenje smatramo ispravnim samo ako je lik na ekranu ekvivalentan liku u službenom rješenju. Prilikom uspoređivanja likova, ako u zadatku nije drugačije navedeno, njegova nam pozicija na ekranu nije bitna. Formalnije, ako je službeno rješenje moguće dobiti postupcima **translacije** i/ili **rotacije** nacrtanog lika, tada izlaz programa smatramo ispravnim.

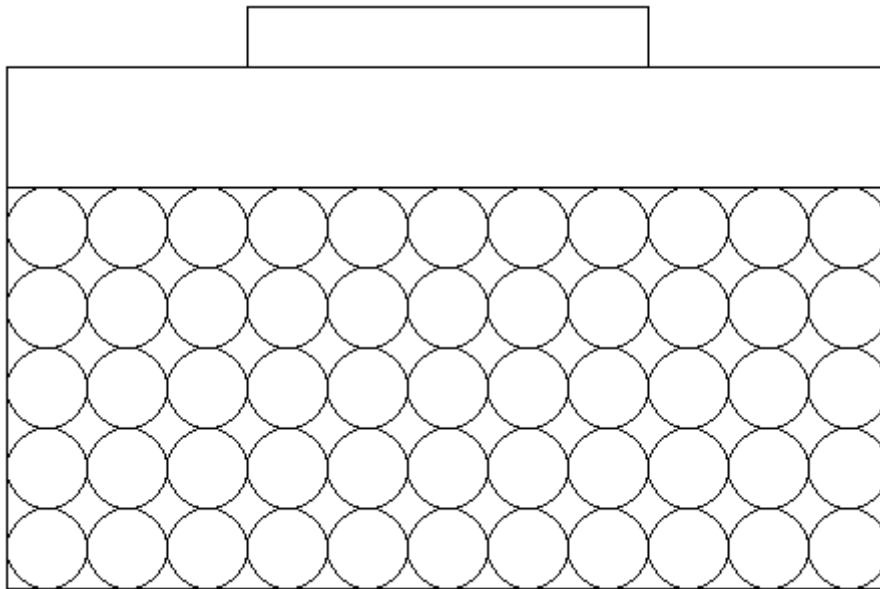
Konačno, u sklopu nekih zadataka nalazi se sekcija **BODOVANJE** koja, osim što natjecatelju pruža uvid u bodovanje pojedinih dijelova zadatka, može sadržavati informacije koje upotpunjuju ili nadjačavaju opće smjernice za bodovanje dane u prethodnim odlomcima.

	Primjer	Slika	Bodovi
Test 1	CS STROJ 10 0 100 100	Slika 4.1	8
Test 2	CS STROJ 20 0 30 200	Slika 4.2	8
Test 3	CS STROJ 15 0 50 10	Slika 4.3	8
Test 4	CS STROJ 15 7 0 100	Slika 4.4	8
Test 5	CS STROJ 8 20 0 50	Slika 4.5	8
Test 6	CS STROJ 10 10 0 50	Slika 4.6	8
Test 7	CS STROJ 10 10 100 200	Slika 4.7	8
Test 8	CS STROJ 10 20 10 200	Slika 4.8	8
Test 9	CS STROJ 5 5 100 150	Slika 4.9	8
Test 10	CS STROJ 5 12 150 150	Slika 4.10	8



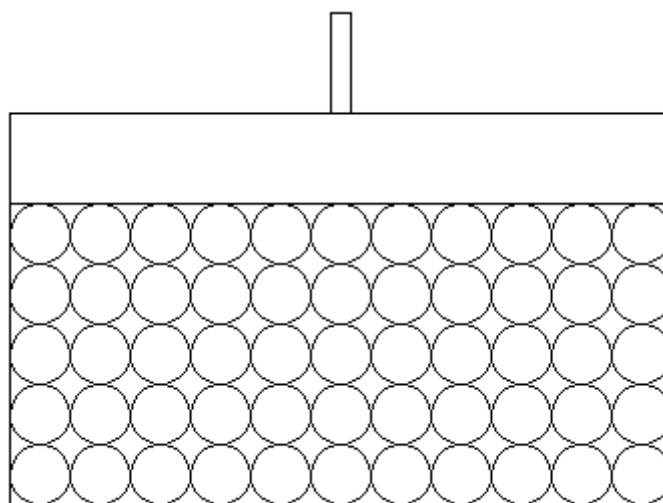
CS STROJ 10 0 100 100

Slika 4.1



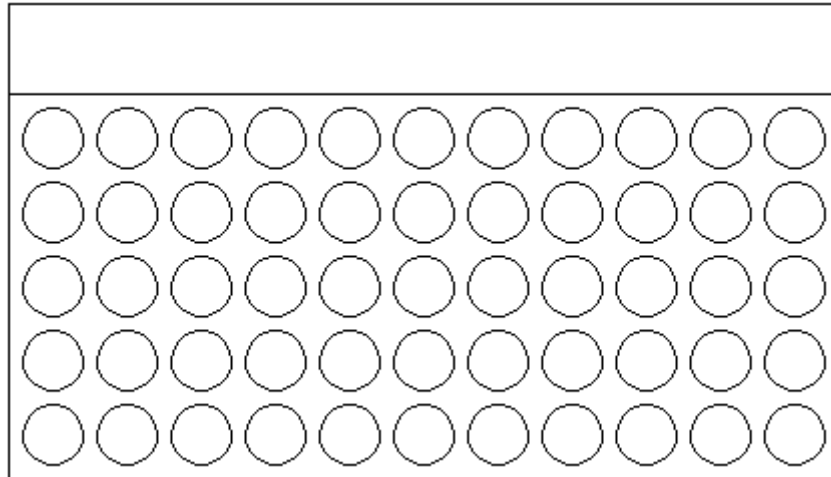
CS STROJ 20 0 30 200

Slika 4.2



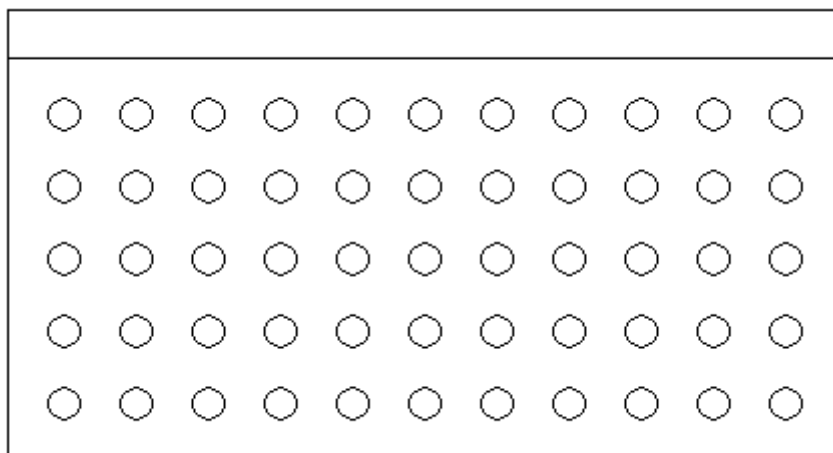
CS STROJ 15 0 50 10

Slika 4.3



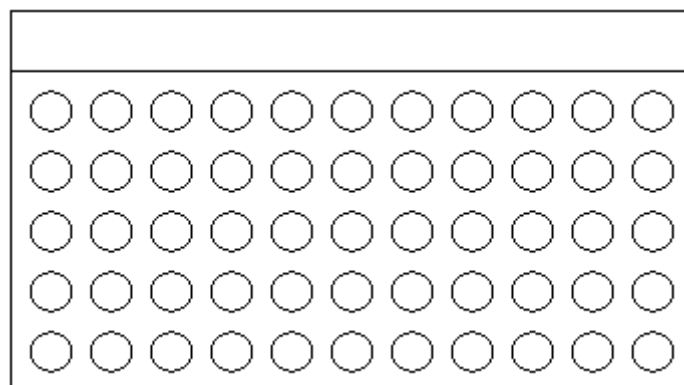
CS STROJ 15 7 0 100

Slika 4.4



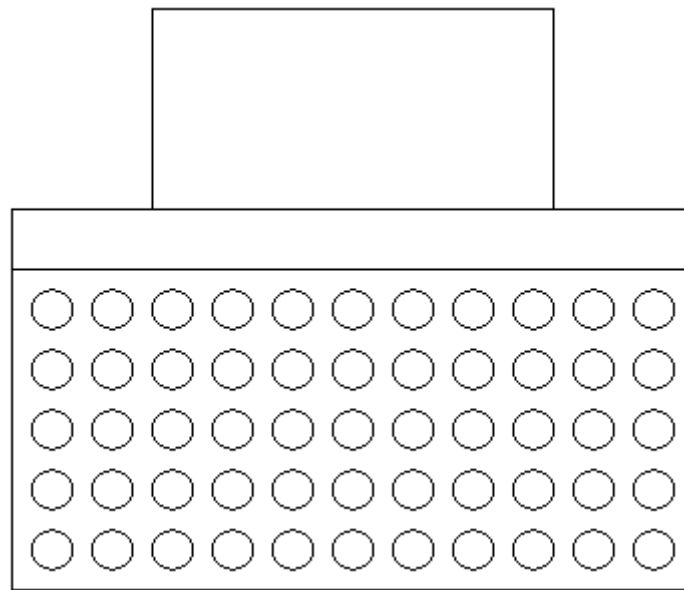
CS STROJ 8 20 0 50

Slika 4.5



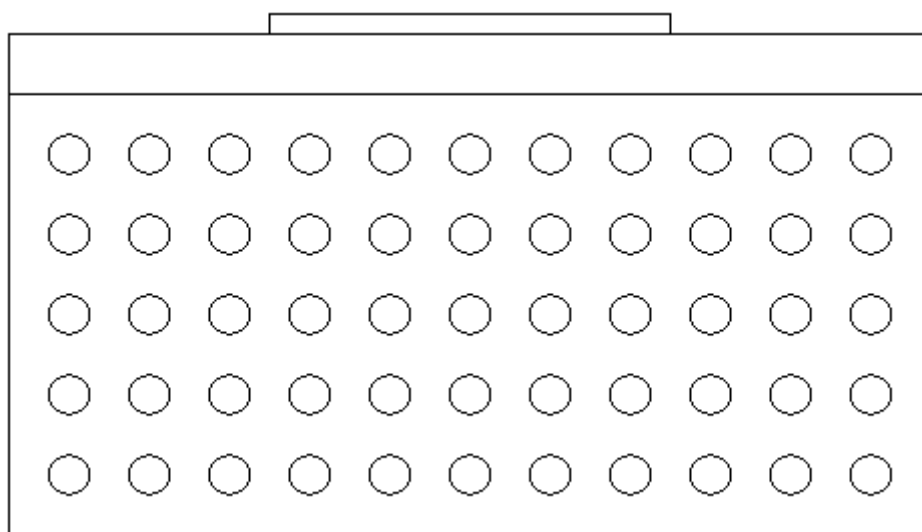
CS STROJ 10 10 0 50

Slika 4.6



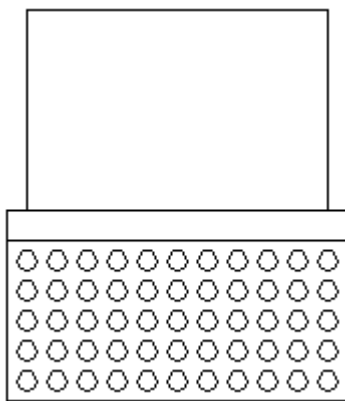
CS STROJ 10 10 100 200

Slika 4.7



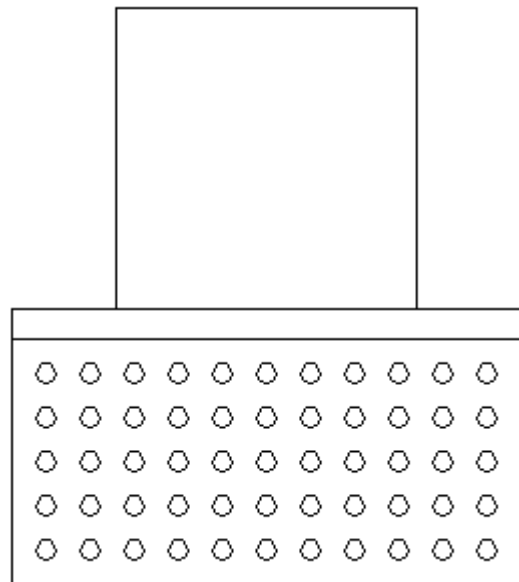
CS STROJ 10 20 10 200

Slika 4.8



CS STROJ 5 5 100 150

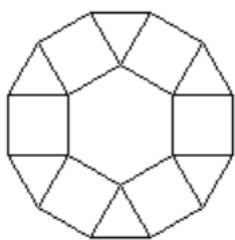
Slika 4.9



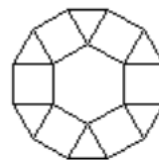
CS STROJ 5 12 150 150

Slika 4.10

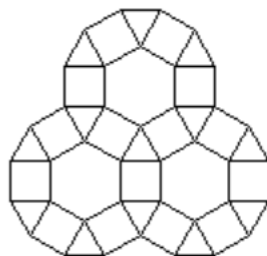
	Primjer	Slika	Bodovi
Test 1	CS KRISTAL 1 30	Slika 5.1	10
Test 2	CS KRISTAL 1 20	Slika 5.2	10
Test 3	CS KRISTAL 2 20	Slika 5.3	10
Test 4	CS KRISTAL 3 30	Slika 5.4	10
Test 5	CS KRISTAL 4 30	Slika 5.5	10
Test 6	CS KRISTAL 5 20	Slika 5.6	10
Test 7	CS KRISTAL 7 18	Slika 5.7	10
Test 8	CS KRISTAL 13 10	Slika 5.8	10
Test 9	CS KRISTAL 15 8	Slika 5.9	10
Test 10	CS KRISTAL 20 5	Slika 5.10	10



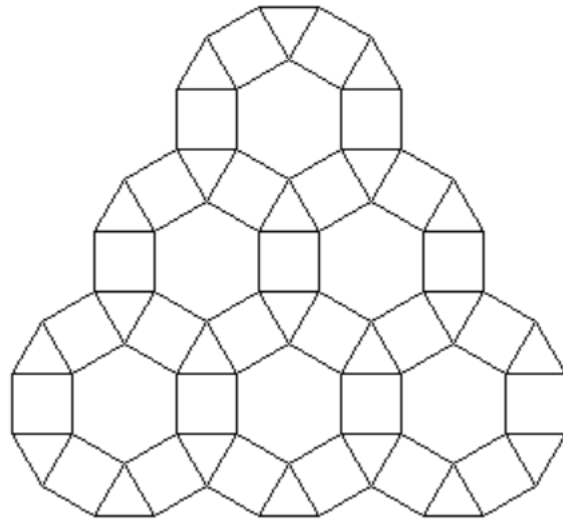
CS KRISTAL 1 30
Slika 5.1



CS KRISTAL 1 20
Slika 5.2

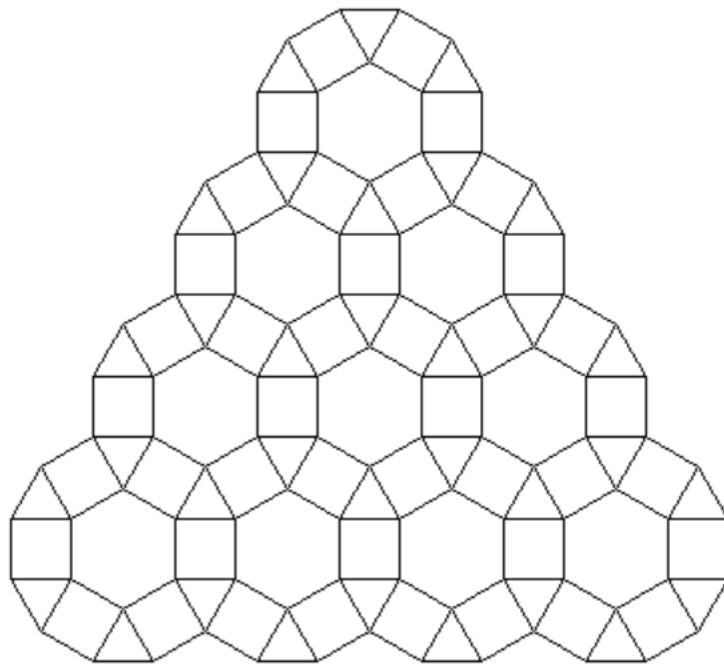


CS KRISTAL 2 20
Slika 5.3



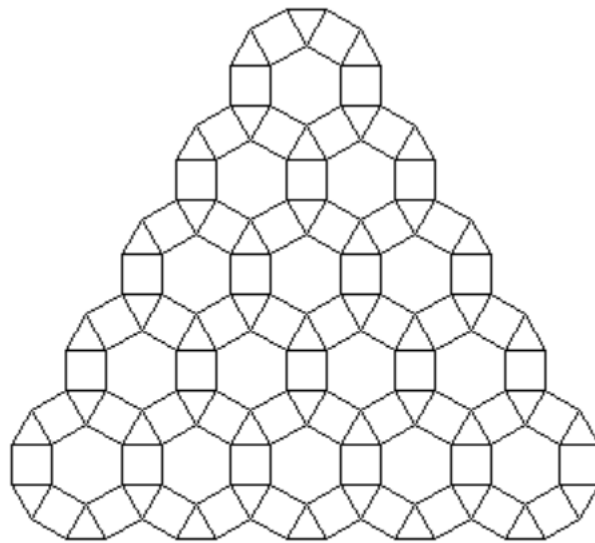
CS KRISTAL 3 30

Slika 5.4



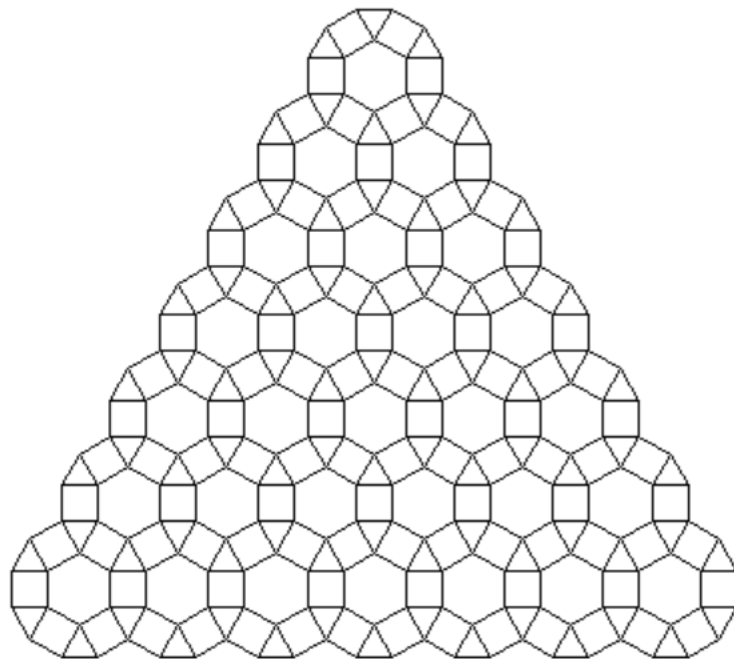
CS KRISTAL 4 30

Slika 5.5



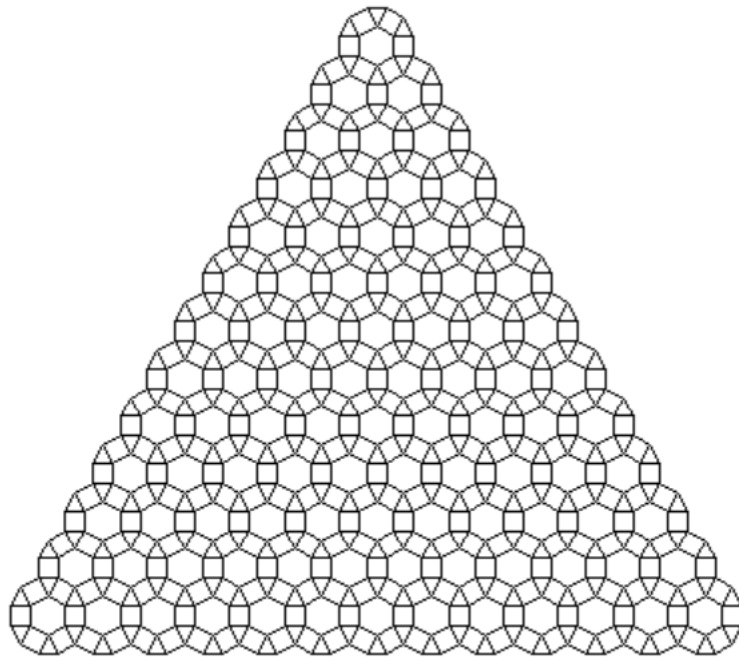
CS KRISTAL 5 20

Slika 5.6



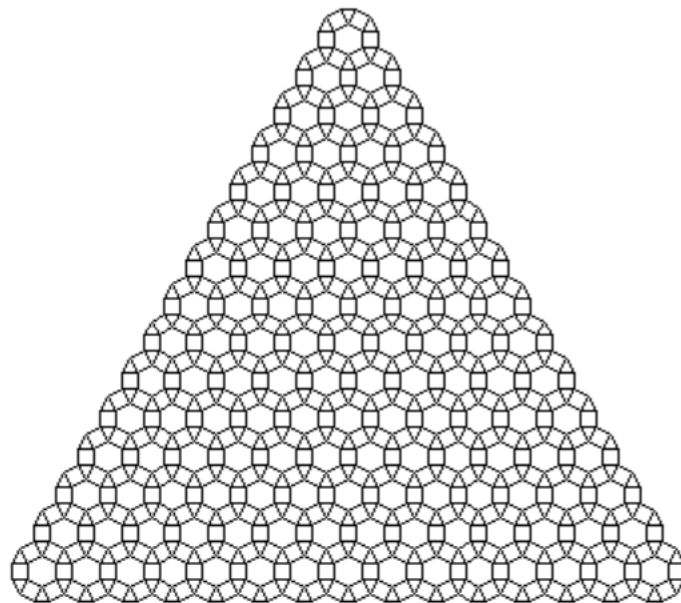
CS KRISTAL 7 18

Slika 5.7



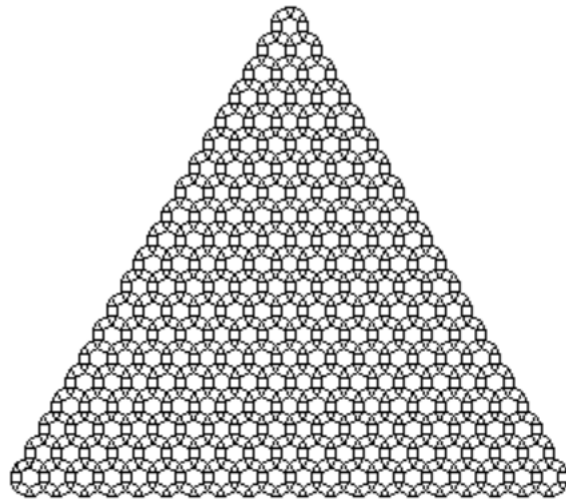
CS KRISTAL 13 10

Slika 5.8



CS KRISTAL 15 8

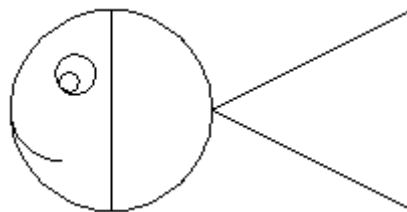
Slika 5.9



CS KRISTAL 20 5

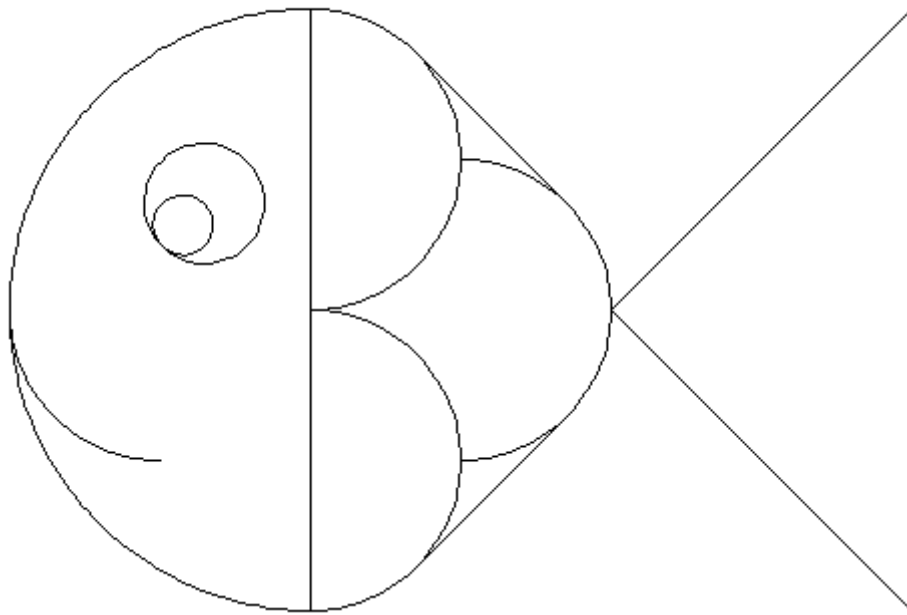
Slika 5.10

	Primjer	Slika	Bodovi
Test 1	CS RIBA 1 0 100	Slika 6.1	12
Test 2	CS RIBA 2 0 150	Slika 6.2	12
Test 3	CS RIBA 3 0 84	Slika 6.3	12
Test 4	CS RIBA 3 2 100	Slika 6.4	12
Test 5	CS RIBA 4 3 90	Slika 6.5	12
Test 6	CS RIBA 2 5 45	Slika 6.6	12
Test 7	CS RIBA 1 11 45	Slika 6.7	12
Test 8	CS RIBA 3 10 60	Slika 6.8	12
Test 9	CS RIBA 20 9 15	Slika 6.9	12
Test 10	CS RIBA 1 1 200	Slika 6.10	12



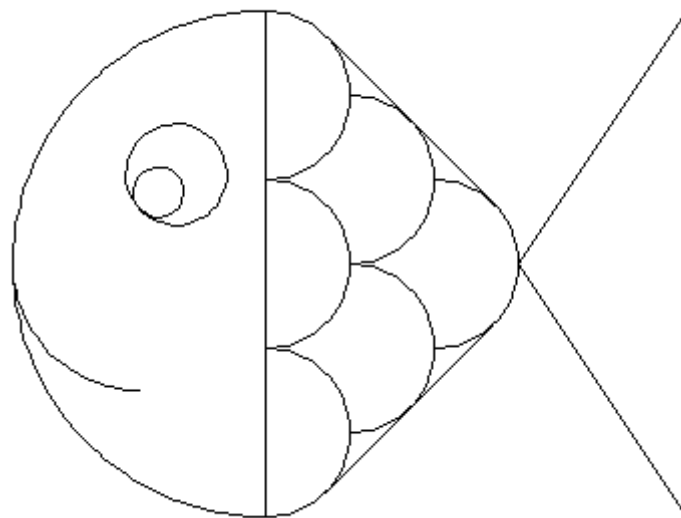
CS RIBA 1 0 100

Slika 6.1



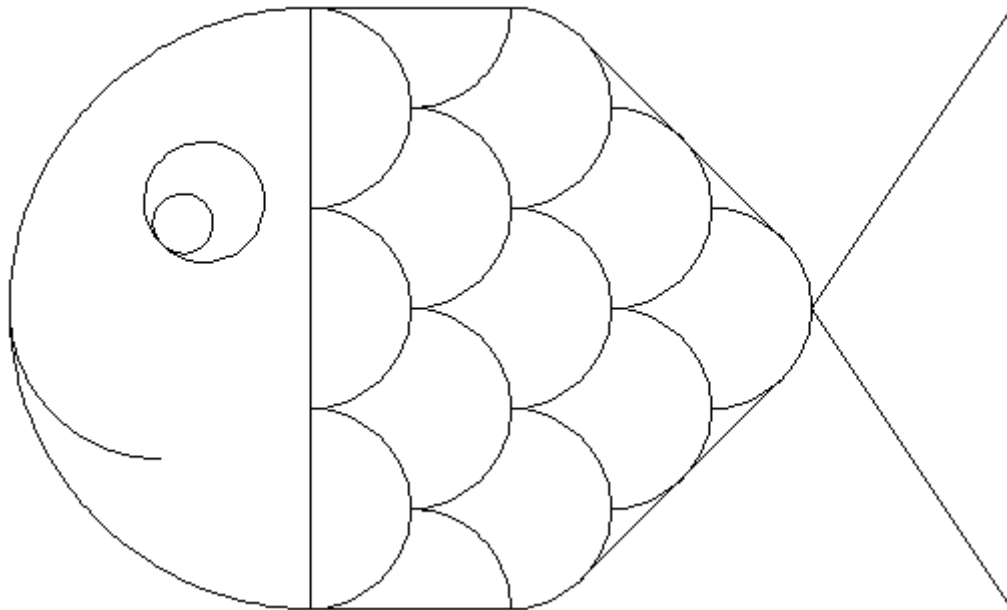
CS RIBA 2 0 150

Slika 6.2



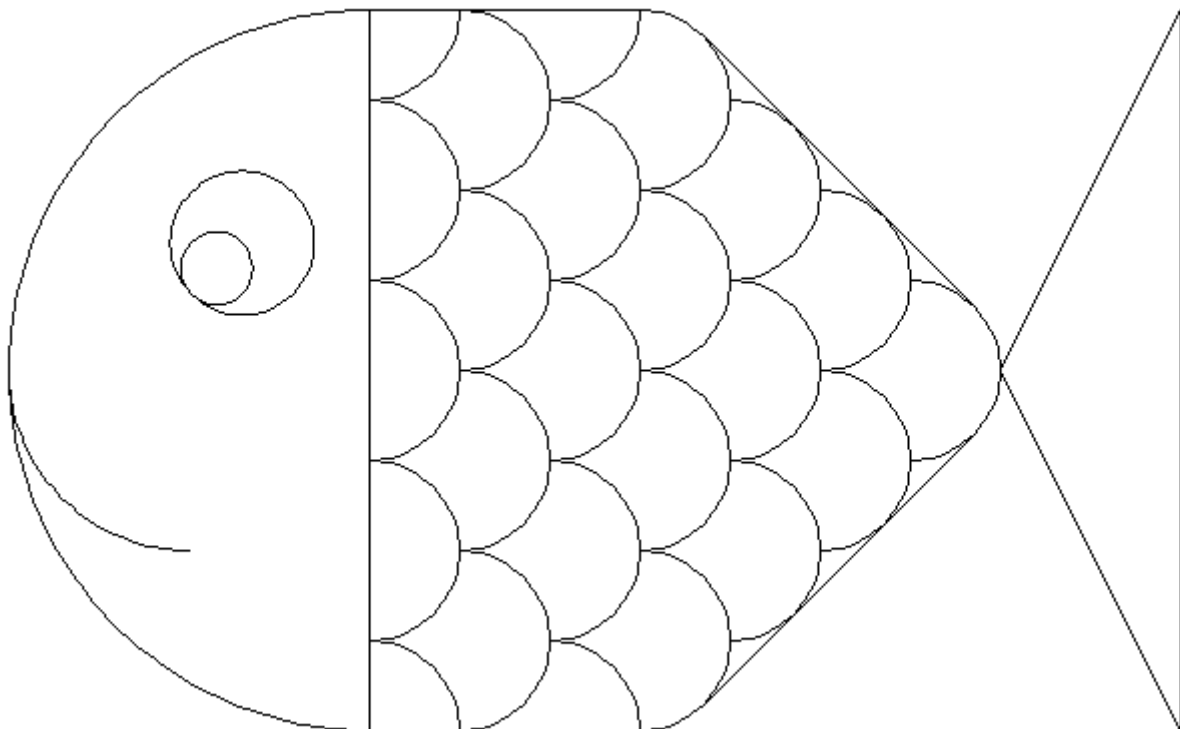
CS RIBA 3 0 84

Slika 6.3



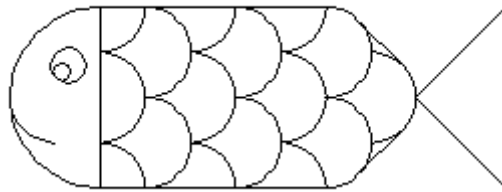
CS RIBA 3 2 100

Slika 6.4



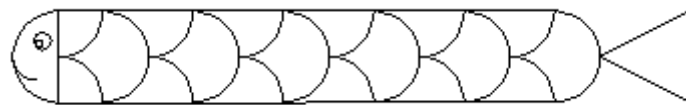
CS RIBA 4 3 90

Slika 6.5



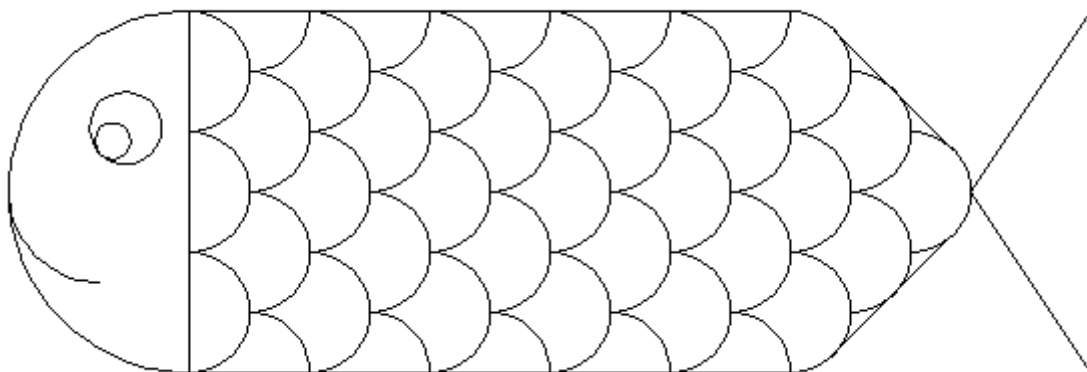
CS RIBA 2 5 45

Slika 6.6



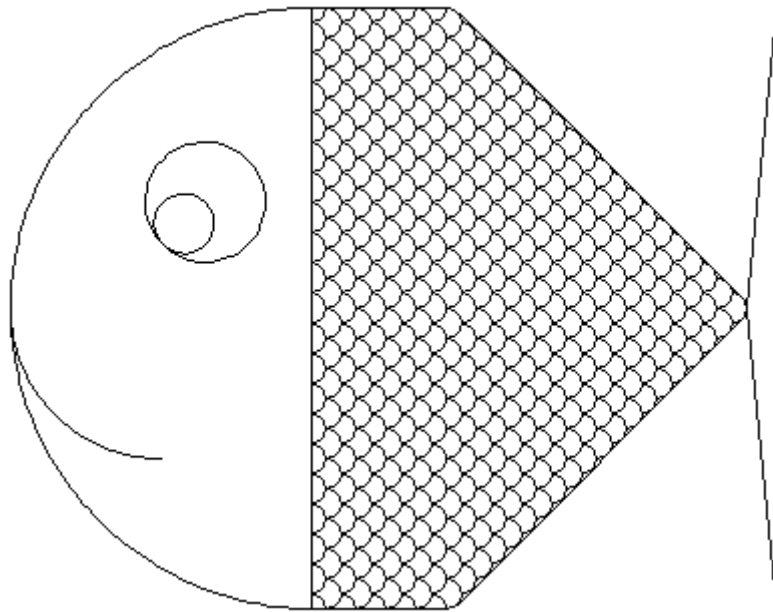
CS RIBA 1 11 45

Slika 6.7



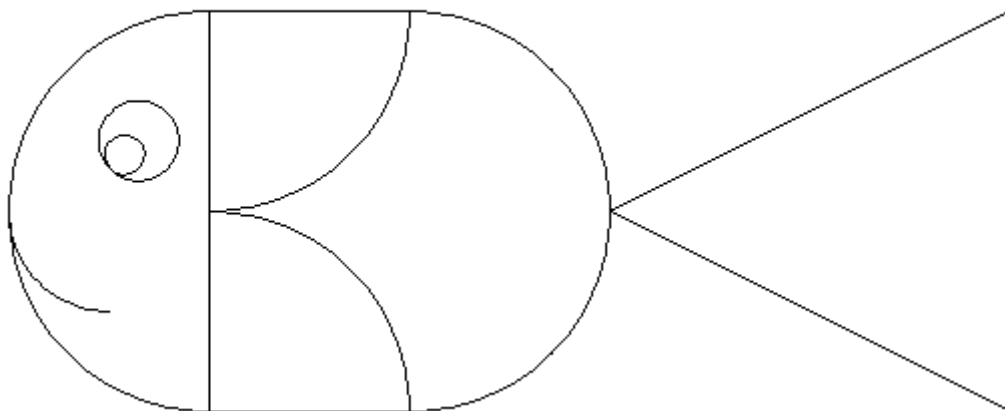
CS RIBA 3 10 60

Slika 6.8



CS RIBA 20 9 15

Slika 6.9



CS RIBA 1 1 200

Slika 6.10

	Ulaz	Izlaz	Bodovi
Test 1	PR LOGOL "ANAVOLIMILOVANA	ANAVOLIMILOVANA	14
Test 2	PR LOGOL "BVORXWXHPCRNCZH EEPZUPEEHZCNR CPHXWXROVBCXQSM AJQAPIRYIDBS	SBDIYRIPAQJAMSQX CBVORXWXHPCRNCZH EEPZUPEEHZCNRCP HXWXROVBCXQSM AJQAPIRYIDBS	14
Test 3	PR LOGOL "KKYINHCLYBDDUM MUDDBYLCHNIYKFI BMTWVSPVEMBYQGB TBTNLZNVZGJOWGY WUKDBMLN VINKOHXGNINRMNUJ DNDNPBUTA	ATUBPNDNJDJUNMRN INGXHOKNIVNLMBDK UWYGWOJGZVNZLNTB TBGQYBMEVPSVWTMB IFKKYINHCLYBDDUM MUDDBYLCHNIYKFI BMTWVSPVEMBYQGB TBTNLZNVZGJOWGY WUKDBMLNVINKOHX GNINRMNUJDNDNP BUTA	14
Test 4	PR LOGOL "BOVFOOFVOBLE	ELBOVFOOFVOBLE	14
Test 5	PR LOGOL "IXTJEADVIZHMKFN UQQNKMCQFCHYPB OSGFUSSPZUWHRVLF LJUNEWYTROZZORTY WENUJLF LVRHWUZPSSUFGS	IXTJEADVIZHMKFN UQQNKMCQFCHYPB OSGFUSSPZUWHRVLF LJUNEWYTROZZORTY WENUJLFLVRHWUZ PSSUFGSOBPHYCF QCMKNQQ UNFKMHZIVDAEJTXI	14
Test 6	PR LOGOL "IZIYZCUSJGHNHGJSUC	IZIYZCUSJGHNHGJSUCZYIZI	14
Test 7	PR LOGOL "SYNXLRNTOKAZI WXXWIZAKOTNRLXNY SSYNXLRNTOKAZIWX	SYNXLRNTOKAZI WXXWIZAKOTNRLX NYSSYNXLRNTOKAZI WXXWIZAKOTNRLX NYS	14
Test 8	PR LOGOL "FHTABHDBEAKCKP FXFRIGUYZDMWNSJ JPERREPJJSNWMDZY UGIRFXFPKCKAEBD HBATHFFH TABHDBEAKCKPFXFRIGUYZDMWNSJ JPER	FHTABHDBEAKCKP FXFRIGUYZDMWNSJ JPERREPJJSNWMDZY UGIRFXFPKCKAEBD HBATHFFHTABHDBE AKCKPFXFRIGUYZDM WNSJJPERREPJJSNW MDZYUGIRFXFPKCKA EBDHBATHFFHTABH DBEAKCKPFXFRIGUY ZDMWNSJJPERREP JJSNWMDZYUGIRFX FPKCKAEBDHBATHF	14
Test 9	PR LOGOL "VBBEHRYCQKFD PUUPDFKQCYRHEBBV VB BBEHRYCQKFDPU	UPDFKQCYRHEBBV VBVBBEHRYCQKFD PUUPDFKQCYRHEBB VVBEBEHRYCQKFD PU	14
Test 10	PR LOGOL "SYOKCIIVKUSHZ HJVKIIKVJHZHSUKV IICKOYSSYOKCIIVK USHZHJVKI	IKVJHZHSUKVIICKO YSSYOKCIIVKUSHZ HJVKIIKVJHZHSUK VIICKOYSSYOKCIIV KUSHZHJVKI	14

	Ulaz	Izlaz	Bodovi
Test 1	PREVODITELJ [] [a b c] [a b c]	[[a -> a] [b -> b] [c -> c]]	16
Test 2	PREVODITELJ [] [ovo je jedna recenica] [recenica je jedna ovo]	[[je -> je] [jedna -> jedna] [ovo -> ovo] [recenica -> recenica]]	16
Test 3	PREVODITELJ [] [jedna kratka recenica] [jedna puno duza recenica]	NE	16
Test 4	PREVODITELJ [[lijep nice][je is][day dan][a jedan][i and][today danas][suncan sunny]] [today is a nice and sunny day] [danas je jedan lijep i sunčan dan]	[[a -> jedan] [and -> i] [day -> dan] [is -> je] [nice -> lijep] [sunny -> sunčan] [today -> danas]]	16
Test 5	PREVODITELJ [[a b][b c][c d][d e][e f]][a b c d][f e d c]	[[a -> c] [b -> d] [c -> e] [d -> f]]	16
Test 6	PREVODITELJ [[pomidor rajčica] [rajčica paradajz]][imam jedan pomidor][imam jedan paradajz]	[[imam -> imam] [jedan -> jedan] [pomidor -> paradajz]]	16
Test 7	PREVODITELJ [[ab cd][ab ef][ab gh][ab ij]][ef ij ab ab][ab cd gh ij]	[[ab -> ab] [ab -> cd] [ef -> gh] [ij -> ij]]	16
Test 8	PREVODITELJ [[a b][a e][e g][x y][z w][x w]][a x d e g y][g a e z w g]	NE	16
Test 9	PREVODITELJ [[xyz abc][def jkl][iop asd][asd rty][bnm rty]][xyz abc rty iop asd][asd asd xyz xyz bnm]	[[abc -> xyz] [asd -> asd] [iop -> asd] [rty -> bnm] [xyz -> xyz]]	16
Test 10	PREVODITELJ [[aab abb][abc abb][acb acc][adc add]][acb add abb aab][acb adc abc abc]	[[aab -> abc] [abb -> abc] [acb -> acb] [add -> adc]]	16