

19. siječnja 2017. od 09:00 do 11:00

2017^v natjecanje iz informatike **Državno**

Školsko natjecanje / Osnovna škola (7. 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: Stepenice

40 bodova

	Primjer	Slika	Bodovi
Test 1	CS STEPENICE 1 1 150 0	Slika 1.1	4
Test 2	CS STEPENICE 2 2 100 0	Slika 1.2	4
Test 3	CS STEPENICE 7 4 30 0	Slika 1.3	4
Test 4	CS STEPENICE 10 4 20 0	Slika 1.4	4
Test 5	CS RT 45 FD 100 RT 45 STEPENICE 8 8 25 0	Slika 1.5	4
Test 6	CS STEPENICE 1 1 120 50	Slika 1.6	4
Test 7	CS STEPENICE 3 2 80 35	Slika 1.7	4
Test 8	CS STEPENICE 4 1 60 30	Slika 1.8	4
Test 9	CS STEPENICE 12 9 20 5	Slika 1.9	4
Test 10	CS RT 90 FD 100 STEPENICE 9 9 25 10	Slika 1.10	4

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

Zadatak 2: Niz

50 bodova

	Primjer	Slika	Bodovi
Test 1	CS NIZ 1 100 50 2 PU HOME PD FD 50 RT 90 FD 50 BK 100	Slika 2.1	10
Test 2	CS NIZ 2 100 70 2 PU HOME PD FD 50 RT 90 FD 100	Slika 2.2	10
Test 3	CS NIZ 5 80 30 2 PU HOME FD 40 PD RT 90 FD 80	Slika 2.3	10
Test 4	CS NIZ 10 50 30 3 PU HOME FD 25 PD RT 90 FD 100	Slika 2.4	10
Test 5	CS NIZ 12 40 20 5 PU HOME FD 20 PD RT 90 FD 120	Slika 2.5	10

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

Zadatak 3: Zbroj

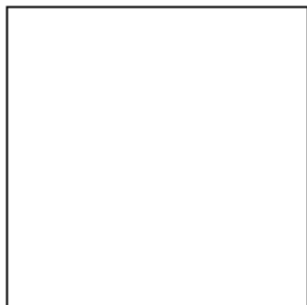
60 bodova

	Primjer	Ispis	Bodovi
Test 1	PR ZBROJ 21 21	42	6
Test 2	PR ZBROJ 1024 42	1066	6
Test 3	PR ZBROJ 9 1	0	6
Test 4	PR ZBROJ 589 904	483	6
Test 5	PR ZBROJ 34 3079	3003	6
Test 6	PR ZBROJ 98742 4325	92067	6
Test 7	PR ZBROJ 1234 9876	0	6
Test 8	PR ZBROJ 124 983	7	6
Test 9	PR ZBROJ 34241 76899	30	6
Test 10	PR ZBROJ 843914 265190	8004	6

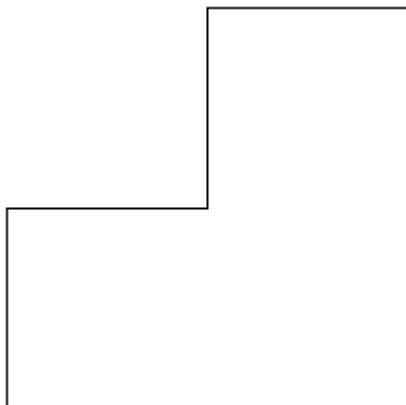
Napomena: bodovi se dodjeljuju ako je ispis točan i nije se pojavila nikakva greška.

Slike 1: Stepenice

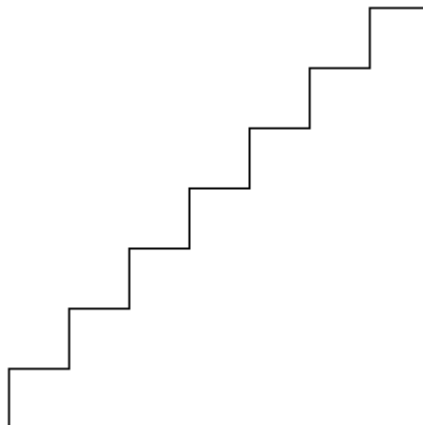
Slika 1.1



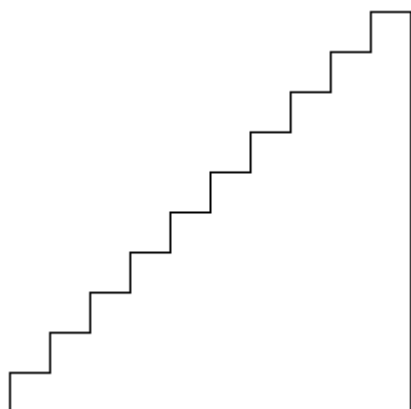
Slika 1.2



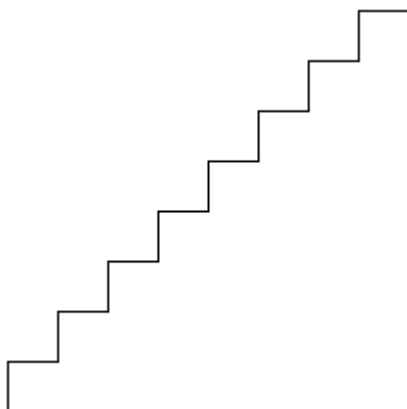
Slika 1.3



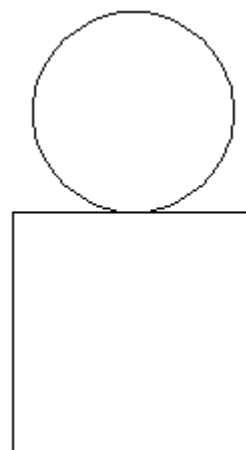
Slika 1.4



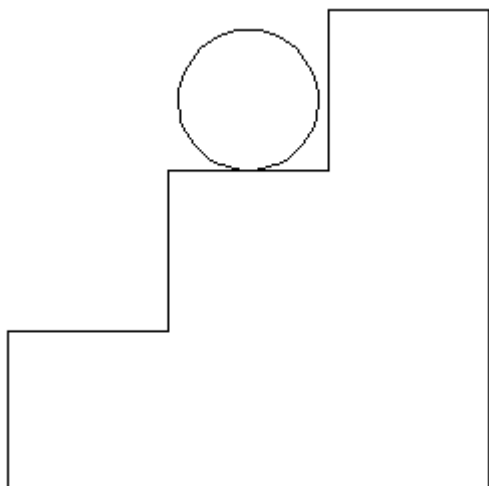
Slika 1.5



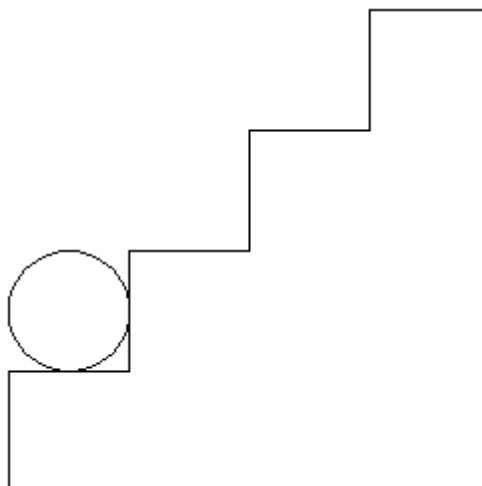
Slika 1.6



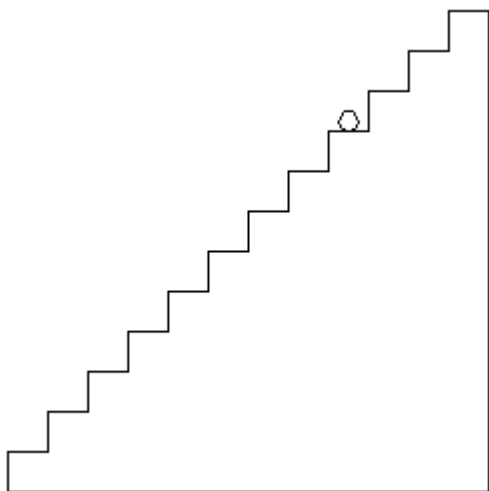
Slika 1.7



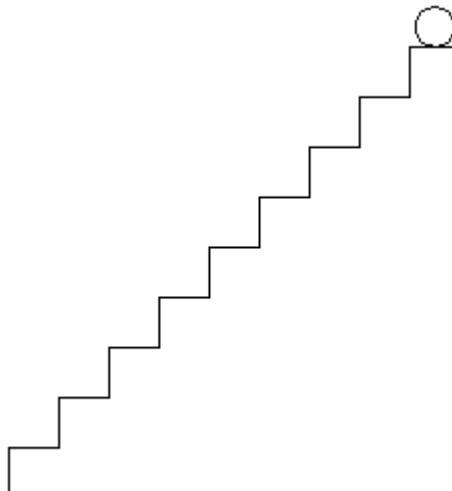
Slika 1.8



Slika 1.9

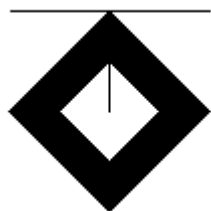


Slika 1.10

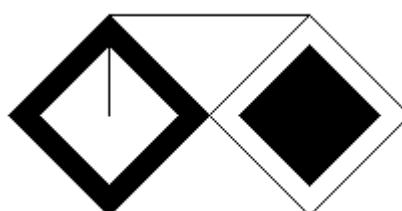


Slike 2: Niz

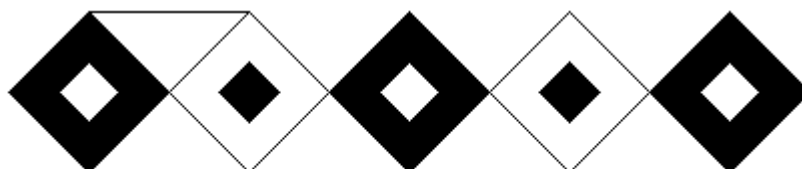
Slika 1.1



Slika 1.2



Slika 1.3



Slika 1.4



Slika 1.5

