

**10. veljače 2017. od 09:00 do 11:00**



Županijsko natjecanje / Osnovna škola (7. razred)   
Algoritmi (Logo)



**SLUŽBENI TEST PODACI**

# Zadatak 1: Sedam

30 bodova

|  |  |  |  |
| --- | --- | --- | --- |
|  | Primjer | Slika | Bodovi |
| Test 1 | CS SEDAM 100 0 0 0 0 0 | Slika 1.1 | 6 |
| Test 2 | CS SEDAM 100 50 0 0 0 0 | Slika 1.2 | 6 |
| Test 3 | CS SEDAM 100 50 10 10 10 10 | Slika 1.3 | 6 |
| Test 4 | CS SEDAM 100 50 20 15 10 5 | Slika 1.4 | 6 |
| Test 5 | CS SEDAM 120 40 30 5 20 5 | Slika 1.5 | 6 |

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

# Zadatak 2: Zgrade

40 bodova

|  |  |  |  |
| --- | --- | --- | --- |
|  | Primjer | Slika | Bodovi |
| Test 1 | CS ZGRADE 100 2 | Slika 2.1 | 8 |
| Test 2 | CS ZGRADE 80 4 | Slika 2.2 | 8 |
| Test 3 | CS ZGRADE 50 9 | Slika 2.3 | 8 |
| Test 4 | CS ZGRADE 40 15 | Slika 2.4 | 8 |
| Test 5 | CS ZGRADE 20 50 | Slika 2.5 | 8 |

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

# Zadatak 3: Zidine

60 bodova

|  |  |  |  |
| --- | --- | --- | --- |
|  | Primjer | Slika | Bodovi |
| Test 1 | CS ZIDINE 5 0 0 100 | Slika 3.1 | 12 |
| Test 2 | CS ZIDINE 8 30 0 60 | Slika 3.2 | 12 |
| Test 3 | CS ZIDINE 4 20 0 100 | Slika 3.3 | 12 |
| Test 4 | CS ZIDINE 6 30 10 100 | Slika 3.4 | 12 |
| Test 5 | CS ZIDINE 7 30 25 100 | Slika 3.5 | 12 |

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

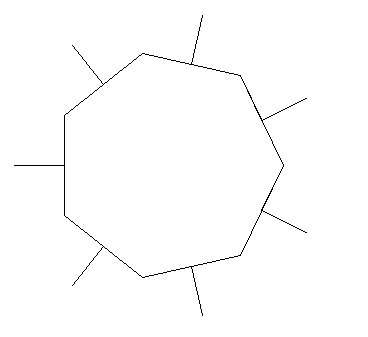
# Zadatak 4: Cijena

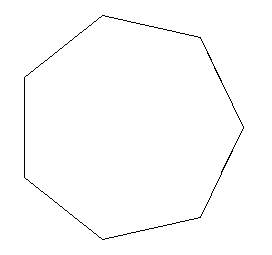
70 bodova

|  |  |  |  |
| --- | --- | --- | --- |
|  | Primjer | Ispis | Bodovi |
| Test 1 | PR CIJENA [] | 0 | 7 |
| Test 2 | PR CIJENA [42] | 42 | 7 |
| Test 3 | PR CIJENA [1 1 2 3 5 8 13] | 33 | 7 |
| Test 4 | PR CIJENA [[100]] | 200 | 7 |
| Test 5 | PR CIJENA [1 [2 3] 4 [5 6] 7 [8 9] 10] | 88 | 7 |
| Test 6 | PR CIJENA [1 [2 [3] 2] [[5]] 10] | 67 | 7 |
| Test 7 | cijena\_07\_in.txt | 605 | 7 |
| Test 8 | cijena\_08\_in.txt | 5758 | 7 |
| Test 9 | cijena\_09\_in.txt | 18294 | 7 |
| Test 10 | cijena\_10\_in.txt | 39916799 | 7 |

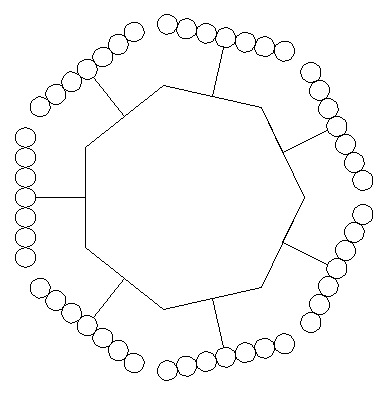
**Napomena:** bodovi se dodjeljuju ako ispis ispravan i nije se pojavila nikakva greška. Iznimno, programe koji ispisuju točna rješenja uz grešku koja je nastala zbog toga što natjecatelj rješenje ne vraća naredbom OP, već ga samo ispisuje na ekran, treba bodovati s **5** **bodova** po test podatku.

# Slike 1: Sedam



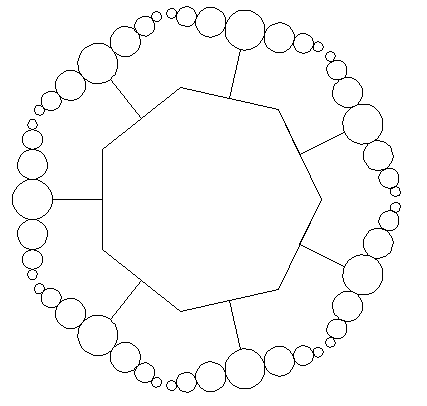


Slika 1.1 Slika 1.2

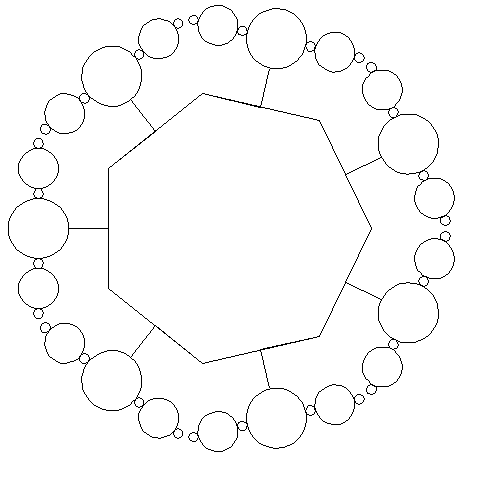


Slika 1.3

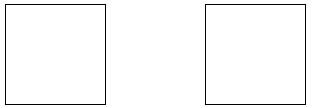
Slika 1.4



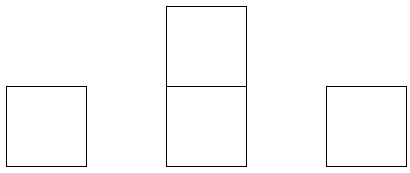
Slika 1.5



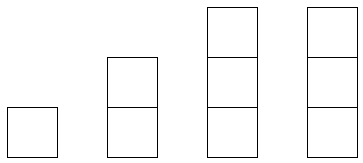
# Slike 2: Zgrade



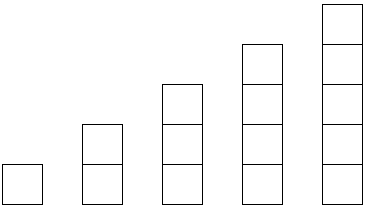
Slika 2.1



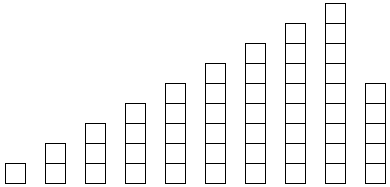
Slika 2.2



Slika 2.3

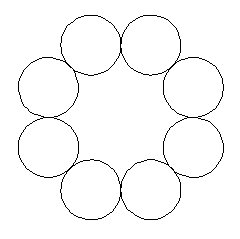
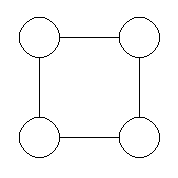


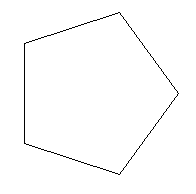
Slika 2.4



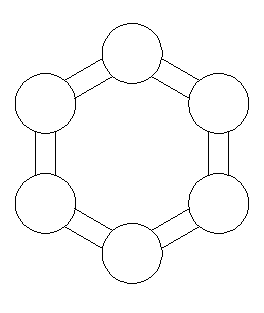
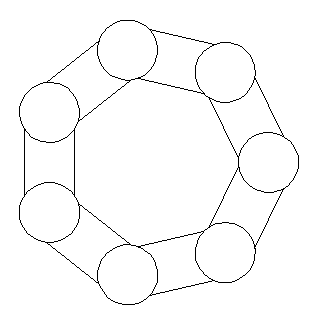
Slika 2.5

# Slike 3: Zidine



Slika 3.1 Slika 3.2 Slika 3.3

Slika 3.4 Slika 3.5