1. zadatak

|  |  |
| --- | --- |
| for (i=n; i>1; i/=2) |  |
| { |  |
| for (j=1; j<=n; j\*=2) |  |
| { |  |
| for (k=0; k<j; k+=2) |  |
| suma = … |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | broj dodela |  |
| 1 |  |  | 1 |  |
| 2 |  |  | 1 |  |
| 4 |  |  | 2 |  |
| 8 |  |  | 4 |  |
| 16 |  |  | 8 |  |
| … |  |  |  |  |
|  |  |  |  |  |

2. zadatak

Eksponencijalno

(1, 1)

(1, 2), (2, 1)

(1, 4), (2, 2), (4, 1), (2, 2)

…

Najduža grana:

|  |  |  |  |
| --- | --- | --- | --- |
| Grana | Vrednost |  | Broj čvorova u grani |
| (1, 1) | 1 |  | 1 |
| (1, 2) |  |  |  |
| (2, 2) | 2 |  | 2 |
| (2, 4) |  |  |  |
| (4, 4) | 4 |  | 2 |
| ... |  |  |  |
| (n/2, n/2) | n/2 |  | 2 |
| (n/2, n) |  |  | 1 |
|  | n |  |  |