Subiectul I

1. A.
2. F(6) = F(5)-F(4)

F(5) = F(3)-F(4)

F(4) = F(3)-F(2)

F(3) = F(1)-F(2)

F(1) = 1

F(2) = 2

F(3) = 1-2 = -1

F(4) = -1-2 = -3

F(5) = -1 -3 = -4

F(6) = -4 – 3 = -7

3.d

4.c

5432

5431

5430

5423

5421

5420

5342

5.c

10=n\*n-1/2 => n = 5

Subiectul II

1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| m | N | P | Q | S1 | S2 |
| 4 | 3 | 11 | 25 | 0 | 0 |
| 4 | 3 | 12 | 25 | 0 | 0 |
| 4 | 3 | 13 | 25 | 1 | 1 |
|  |  | 14 |  | 1 | 1 |
|  |  | 15 |  | 1 | 1 |
|  |  | 16 |  | 2 | 1 |
|  |  | 17 |  | 3 | 1 |
|  |  | 18 |  | 3 | 1 |
|  |  | 19 |  | 4 | 1 |
|  |  | 20 |  | 4 | 1 |
|  |  | 21 |  | 5 | 1 |
|  |  | 22 |  | 6 | 1 |
|  |  | 23 |  | 6 | 1 |
|  |  | 24 |  | 6 | 1 |
|  |  | 25 |  | 7 | 2 |
|  |  |  |  | 7 | 2 |

1. scrie 3

b.

3 5 1

10 = s1 – 2\*s2

3 6 9 12 15 28 21 24

5 10 15 20 25

S1 = 12

S2 = 1

Q1 = 25;

3 6 9 12 15 28 21 24 27 30

5 10 15 20 25 30

S1 = 14

S2 = 2

Q2 = 30

d. for(int i = p; i <= q; p++){

}

2) 3,5,1,4,1,2,6,5

3) punct p;

Cerc c;

p.x =0

p.y=0

c.raza = 1;