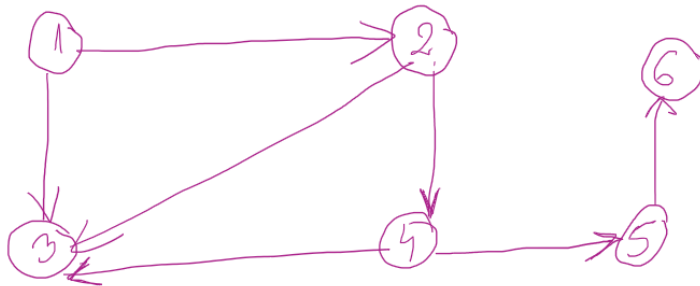


Laborator 2

Exemplu:



matricea inchiderii tranzitive

$t(i, j) = 1$, daca exista drum intre (i, j)

0, daca nu exista drum intre (i, j)

	1	2	3	4	5	6
1	0	1	1	1	1	1
2	0	0	1	1	1	1
3	0	0	0	0	0	0
4	0	0	1	0	1	1
5	0	0	0	0	0	1
6	0	0	0	0	0	0

pseudocod:

```
for (k = 1; k <= n; k++)
    for (i = 1; i <= n; i++)
        for (j = 1; j <= n; j++)
            if (t[i][j] == 0)
                t[i][j] = (t[i][k] && t[k][j]);
```

algoritmul lui Moore – curs 2

drum minim intre 2 noduri:

nod start 1

nod final 6

⇒ 1 2 4 5 6

distanțe:

1	1	1	1	1	1
1	2	3	4	5	6
0	1	1	2	3	4

Problemele prezentate pentru bonus se incarca aici: https://ubbcluj-my.sharepoint.com/:f/g/personal/adriana_coroiu_ubbcluj_ro/EsPHELVNLzhGmMWCoG_4NsYBaqbU-H1cv2Fx4n1gtRh-Uw?e=38v5Uo