INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

Actividad 3.2b Implementación de "Dijkstra and Floyd"

Curso: TC2038 **Grupo:** 601

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Casos de Prueba

Caso 1

Entrada:

4

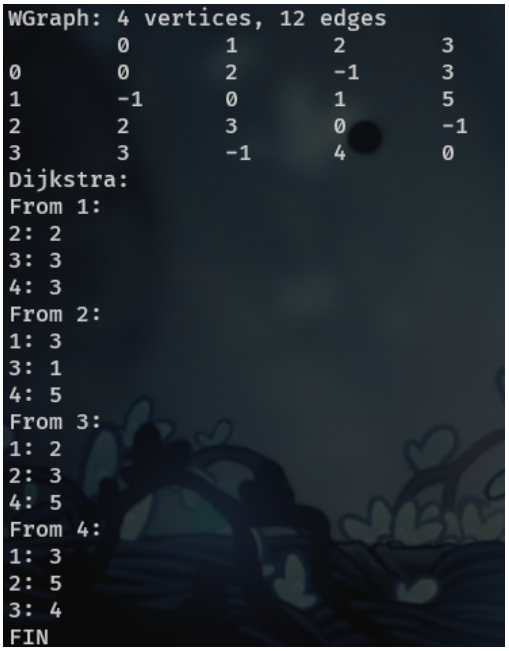
0	2	-1	3
-1	0	1	5
2	3	0	-1
3	-1	4	0

Salida esperada:

Dijkstra:
node 1 to node 2: **2**
node 1 to node 3: **3**
node 1 to node 4: **3**
node 2 to node 1: **3**
...

node 4 to node 2: **5**
node 4 to node 3: **4**

Salida:



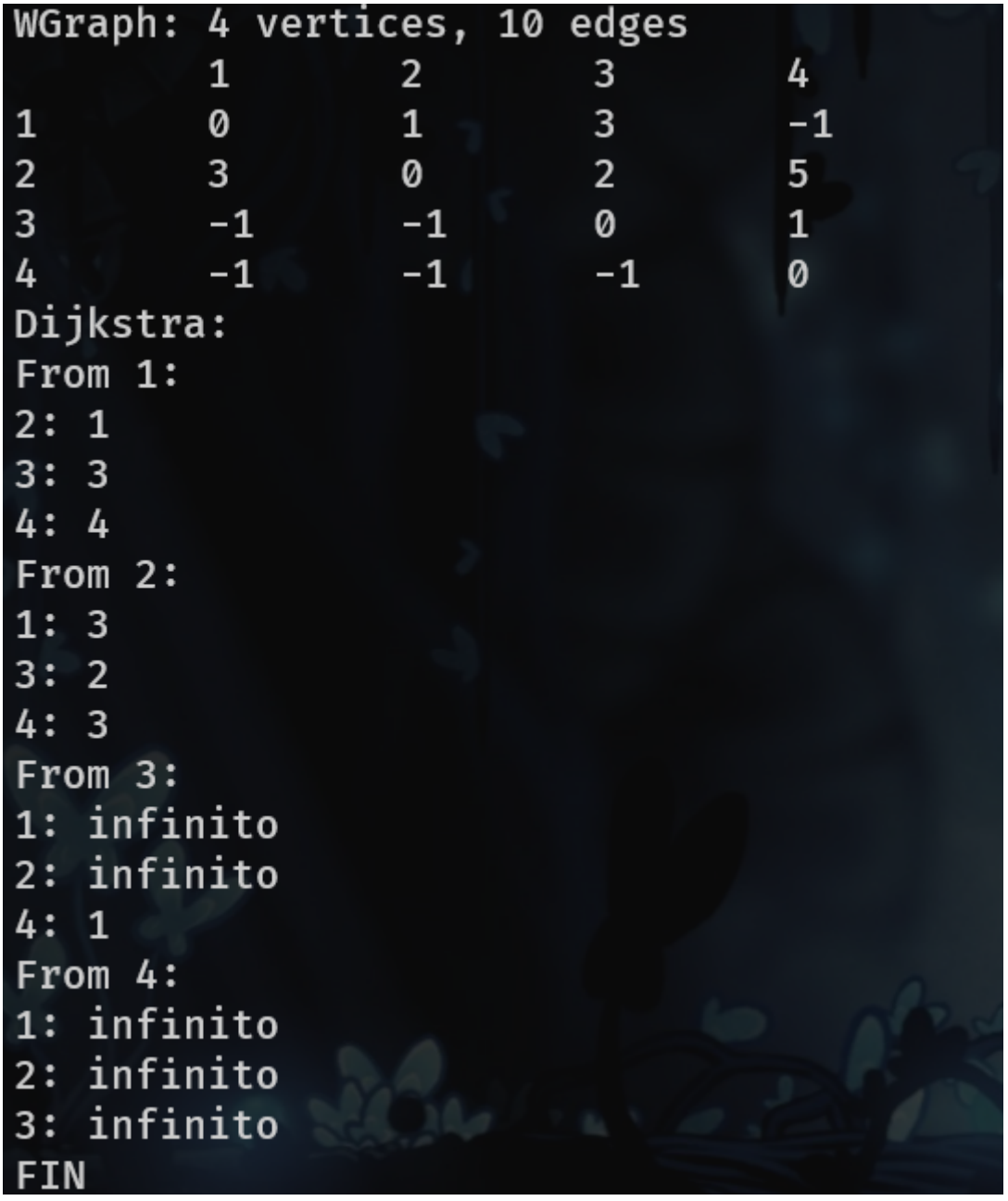
Caso 2

Entrada:

4

0	1	3	-1
3	0	2	5
-1	-1	0	1
-1	-1	-1	0

Salida:



Caso 3

Entrada:

3

0	2	-1
-1	0	1
4	-1	0

Salida:

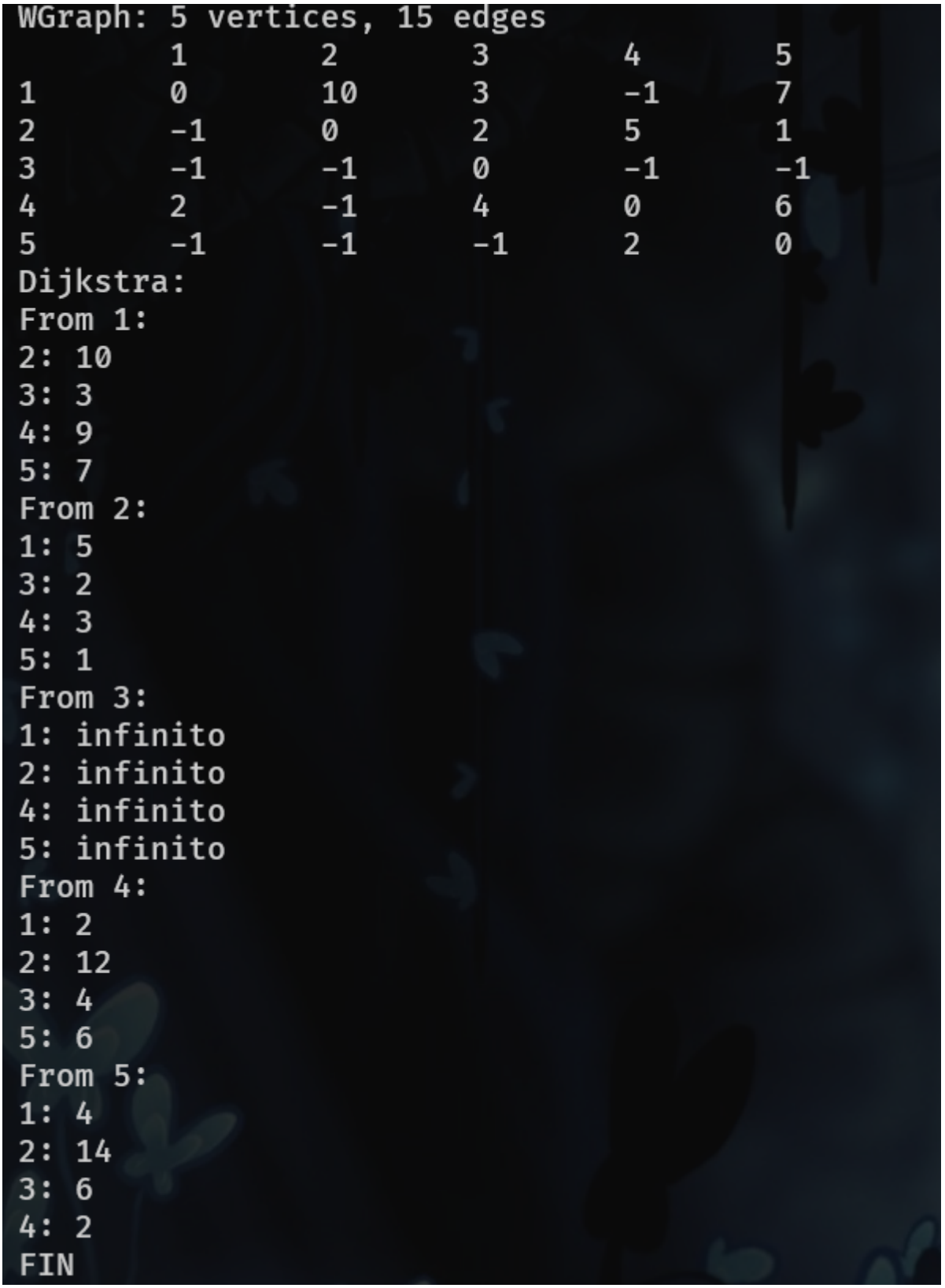
Caso 4

Entrada:

5

0	10	3	-1	7
-1	0	2	5	1
-1	-1	0	-1	-1
2	-1	4	0	6
-1	-1	-1	2	0

Salida:


WGraph: 5 vertices, 15 edges
1 2 3 4 5
1 0 10 3 -1 7
2 -1 0 2 5 1
3 -1 -1 0 -1 -1
4 2 -1 4 0 6
5 -1 -1 -1 2 0
Dijkstra:
From 1:
2: 10
3: 3
4: 9
5: 7
From 2:
1: 5
3: 2
4: 3
5: 1
From 3:
1: infinito
2: infinito
4: infinito
5: infinito
From 4:
1: 2
2: 12
3: 4
5: 6
From 5:
1: 4
2: 14
3: 6
4: 2
FIN