Instituto Tecnológico de Estudios Superiores Monterrey

CAMPUS QUERÉTARO

Análisis y diseño de algoritmos avanzados

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TC2038 Grupo 601

Actividad 3.2
Implementación de "Dijkstra and Floyd"

PRESENTAN

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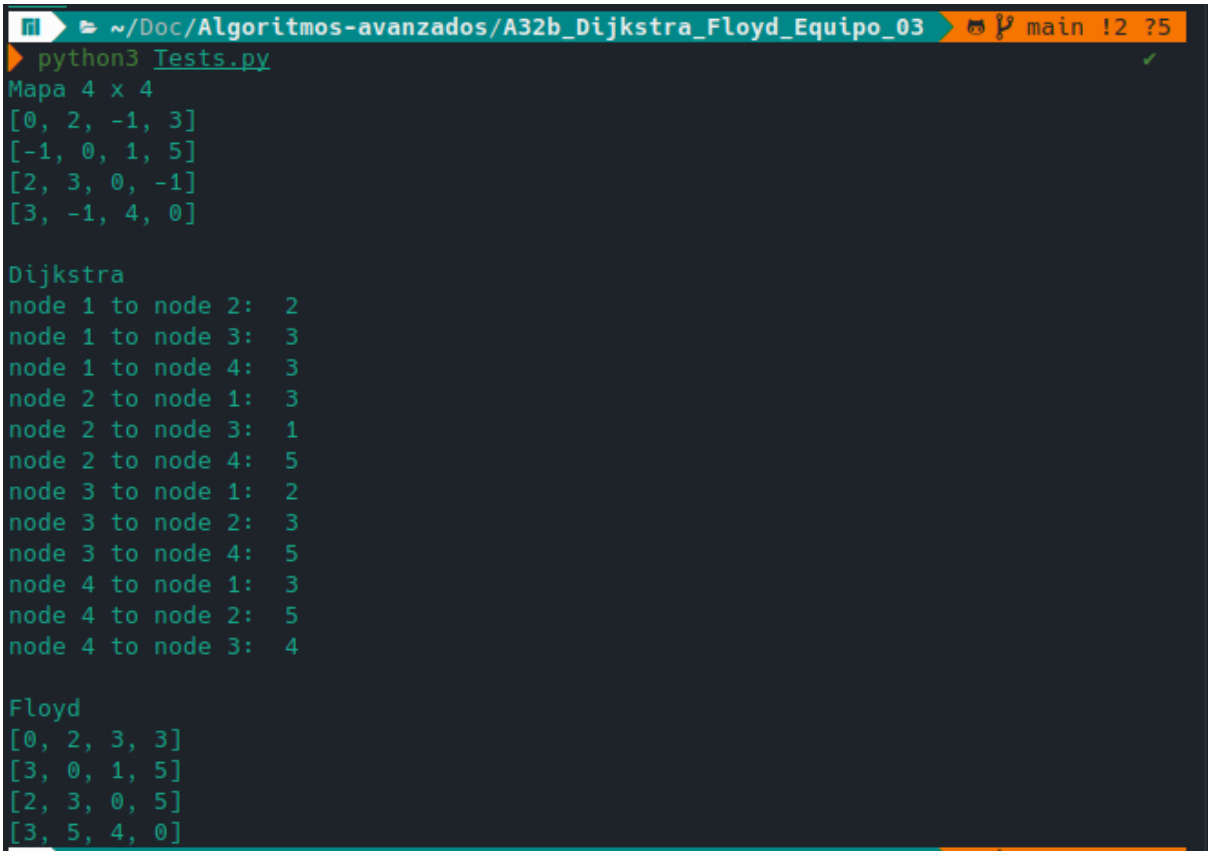
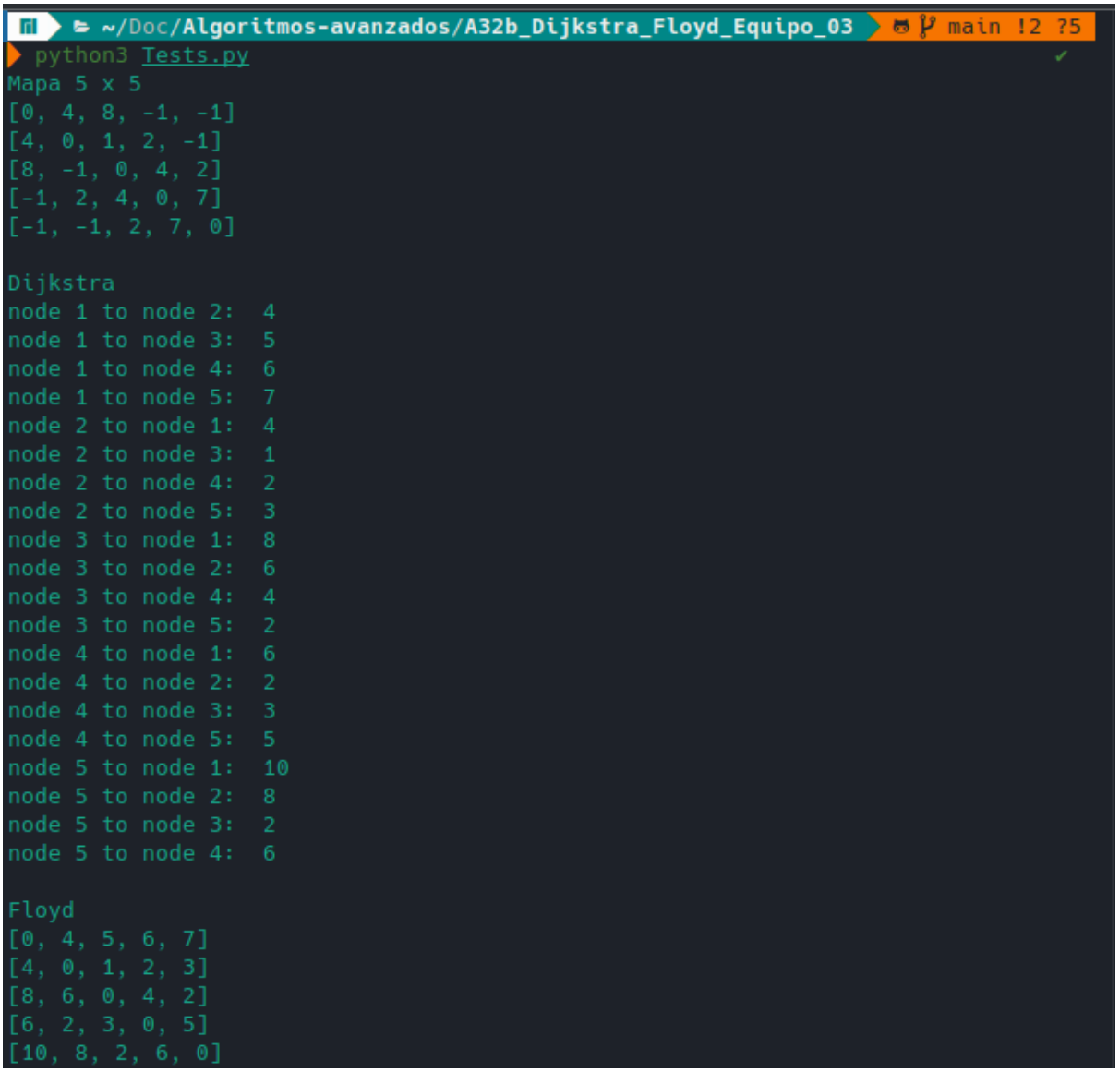
Caso prueba 1:



Caso prueba 2:

Caso prueba 3:



Caso prueba 4:

```
~/Doc/Algoritmos-avanzados/A32b_Dijkstra_Floyd_Equipo_03  main !2 ?5
python3 Tests.py
Mapa 6 x 6
[0, -1, 2, 9, 2, -1]
[-1, 0, 3, 4, 5, 3]
[3, -1, 0, -1, 3, 4]
[1, 3, 3, 0, 3, -1]
[2, 3, 4, 2, 0, -1]
[1, -1, 3, 4, 4, 0]

Dijkstra
node 1 to node 2:  5
node 1 to node 3:  2
node 1 to node 4:  4
node 1 to node 5:  2
node 1 to node 6:  6
node 2 to node 1:  4
node 2 to node 3:  3
node 2 to node 4:  4
node 2 to node 5:  5
node 2 to node 6:  3
node 3 to node 1:  3
node 3 to node 2:  6
node 3 to node 4:  5
node 3 to node 5:  3
node 3 to node 6:  4
node 4 to node 1:  1
node 4 to node 2:  3
node 4 to node 3:  3
node 4 to node 5:  3
node 4 to node 6:  6
node 5 to node 1:  2
node 5 to node 2:  3
node 5 to node 3:  4
node 5 to node 4:  2
node 5 to node 6:  6
node 6 to node 1:  1
node 6 to node 2:  6
node 6 to node 3:  3
node 6 to node 4:  4
node 6 to node 5:  3

Floyd
[0, 5, 2, 4, 2, 6]
[4, 0, 3, 4, 5, 3]
[3, 6, 0, 5, 3, 4]
[1, 3, 3, 0, 3, 6]
[2, 3, 4, 2, 0, 6]
[1, 6, 3, 4, 3, 0]
```