

Nonlinear Data Structure

<http://smartlead.hallym.ac.kr>

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Lab(Dijkstra's Shortest Path)

다익스트라의 최단경로알고리즘

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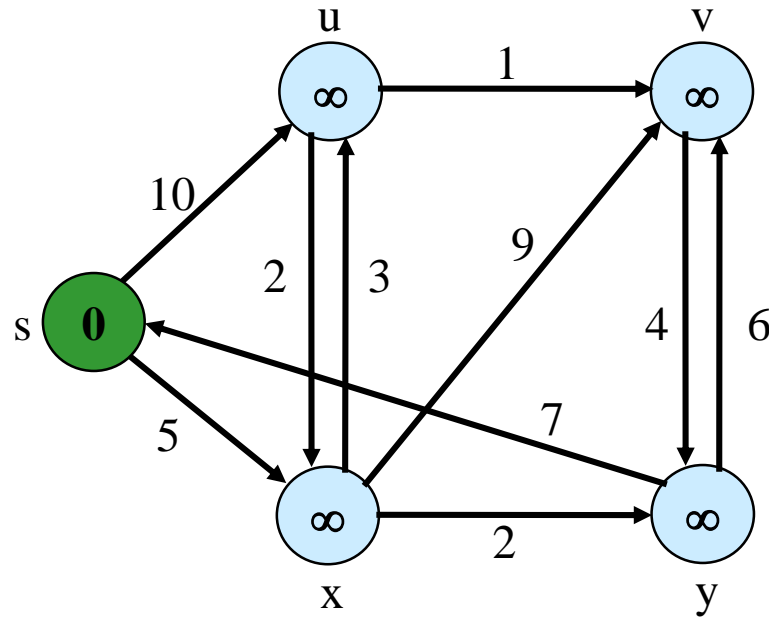
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Dijkstra's algorithm

양의 가중치를 가진 그래프에서
최단 경로 계산

Example



Q : S U X V Y
 0 ∞ ∞ ∞ ∞

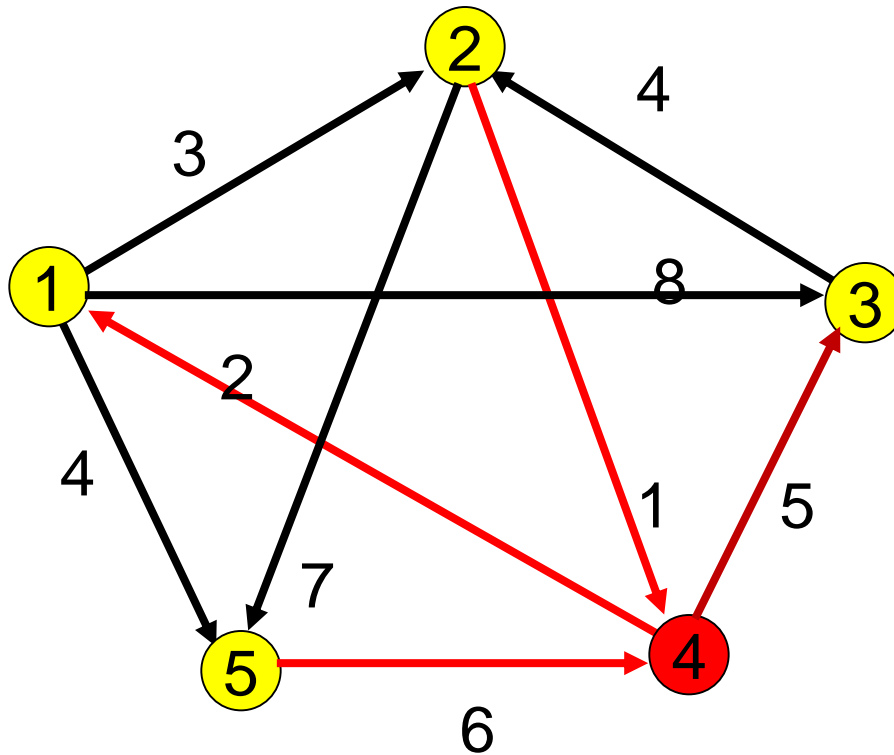
99:infinite

0

	S	X	U	V	y
S	0	5	10	99	99
X	99	0	3	9	2
U	99	2	0	1	99
v	99	99	99	0	4
y	7	99	99	6	0



Write a java program to find shortest path from vertex 1.(DijkstraMain.java)



1. DijkstraMain.java

Upload your programs at smartlead.hallym.ac.kr



감사합니다.

