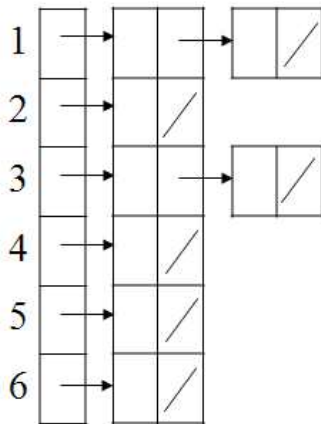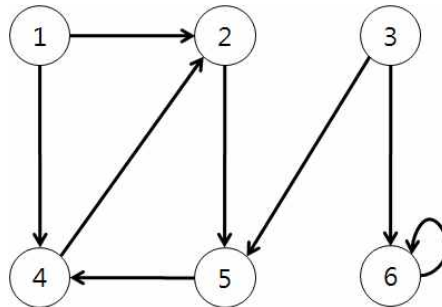# Review 12-1

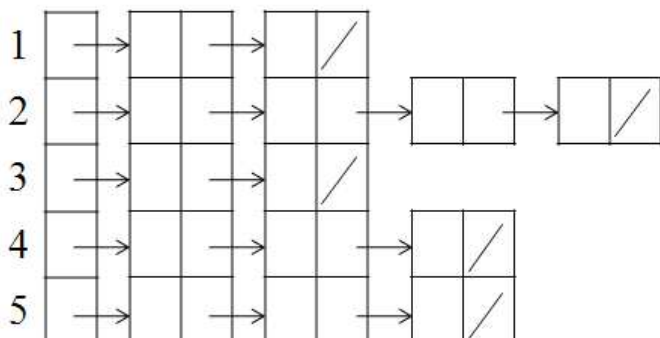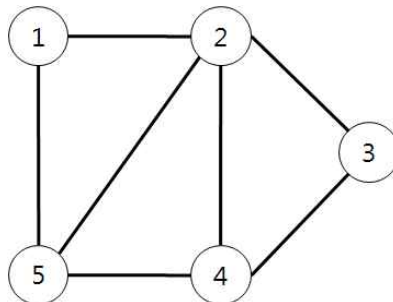**1.** Show the adjacency-list and adjacency-matrix representations of given graphs.

(1) A directed graph

(2) An undirected graph

2. Show the adjacency-list and adjacency-matrix representations of the following weighted graph.

	a	b	c	d	e
a					
b					
c					
d					
e					