3/28/2011 7:04 PM









Performanc	e		
 <i>n</i> vertices, <i>m</i> edges no parallel edges no self-loops 	Edge List	Adjacency List	Adjacency Matrix
Space	<i>n</i> + <i>m</i>	n + m	n ²
incidentEdges(v)	m	deg(v)	n
areAdjacent (v, w)	m	$\min(\deg(v), \deg(w))$	1
insertVertex(o)	1	111	n ²
insertEdge(v, w, o)	1	1	1
removeVertex(v)	m	deg(v)	n ²
removeEdge(e)	1	1	1