



Expressed as O(f)	Edge List	Adjacency Matrix	Adjacency List
Space	$n+m$	n^2	$n+m$
insertVertex(v)	1	n	1
removeVertex(v)	m	n	$\text{deg}(v)$
insertEdge(v, w, k)	1	1	1
removeEdge(v, w)	1	1	1
incidentEdges(v)	m	n	$\text{deg}(v)$
areAdjacent(v, w)	m	1	$\min(\text{deg}(v), \text{deg}(w))$