

1.2.7 Flow problem

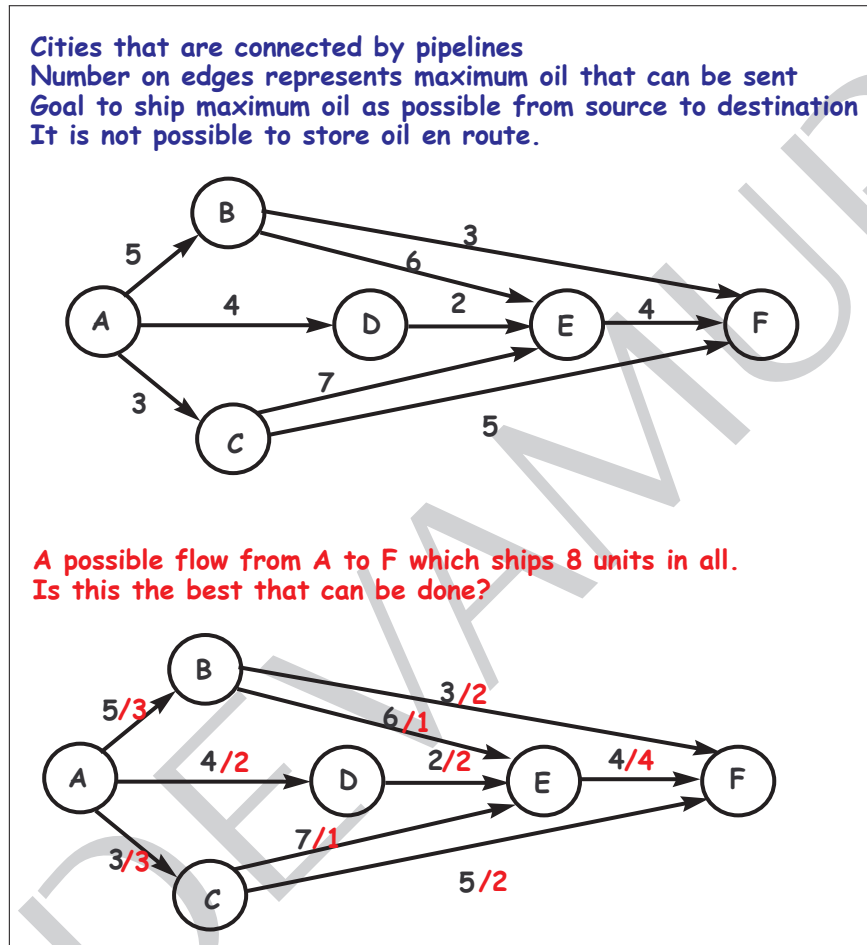


Figure 1.7: Maximum flow possible

1.3 Graph representation

1.3.1 Undirected graph representation

1.3. GRAPH REPRESENTATION

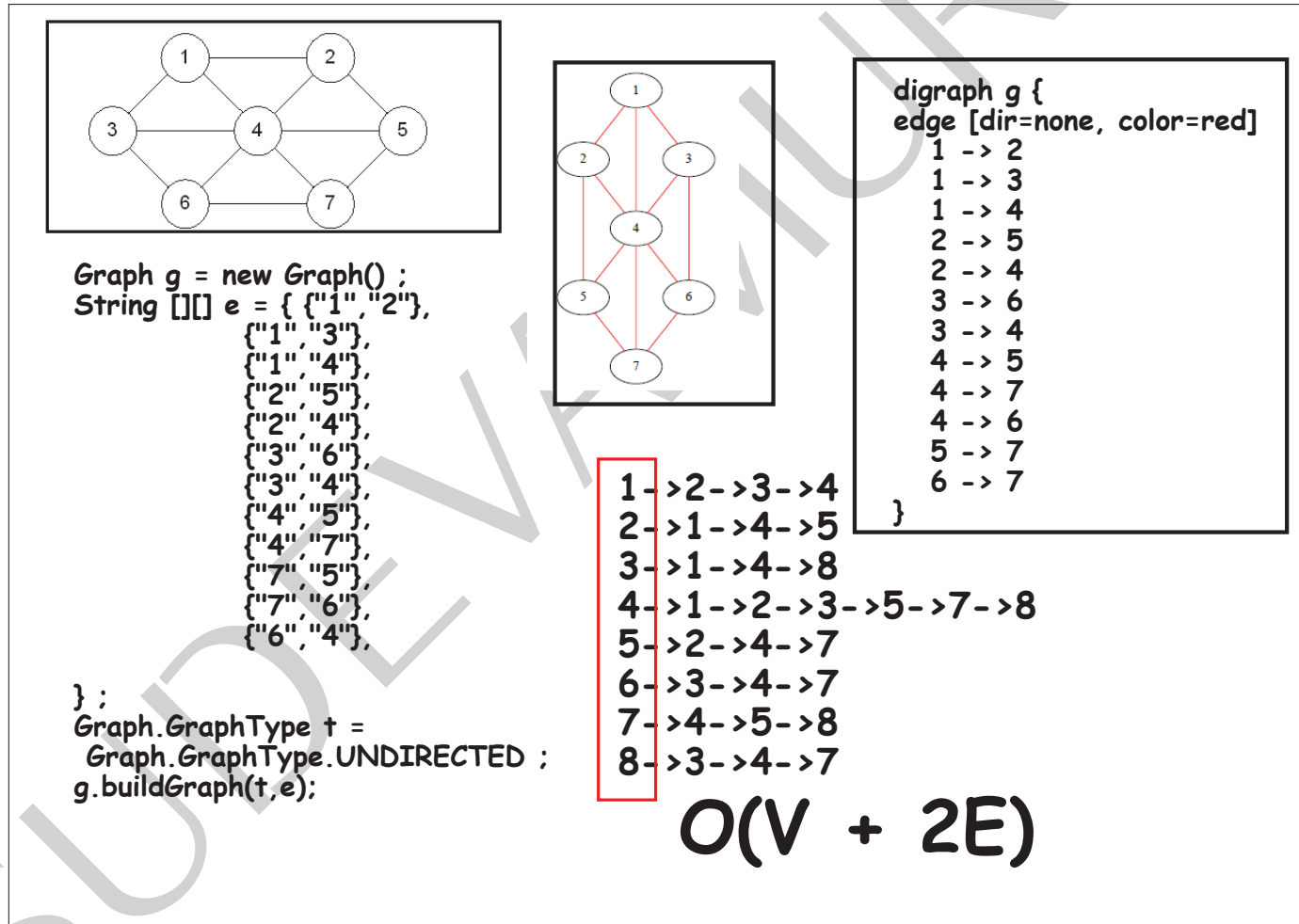


Figure 1.8: Representation of an undirected graph

1.3.2 Undirected weighted graph representation

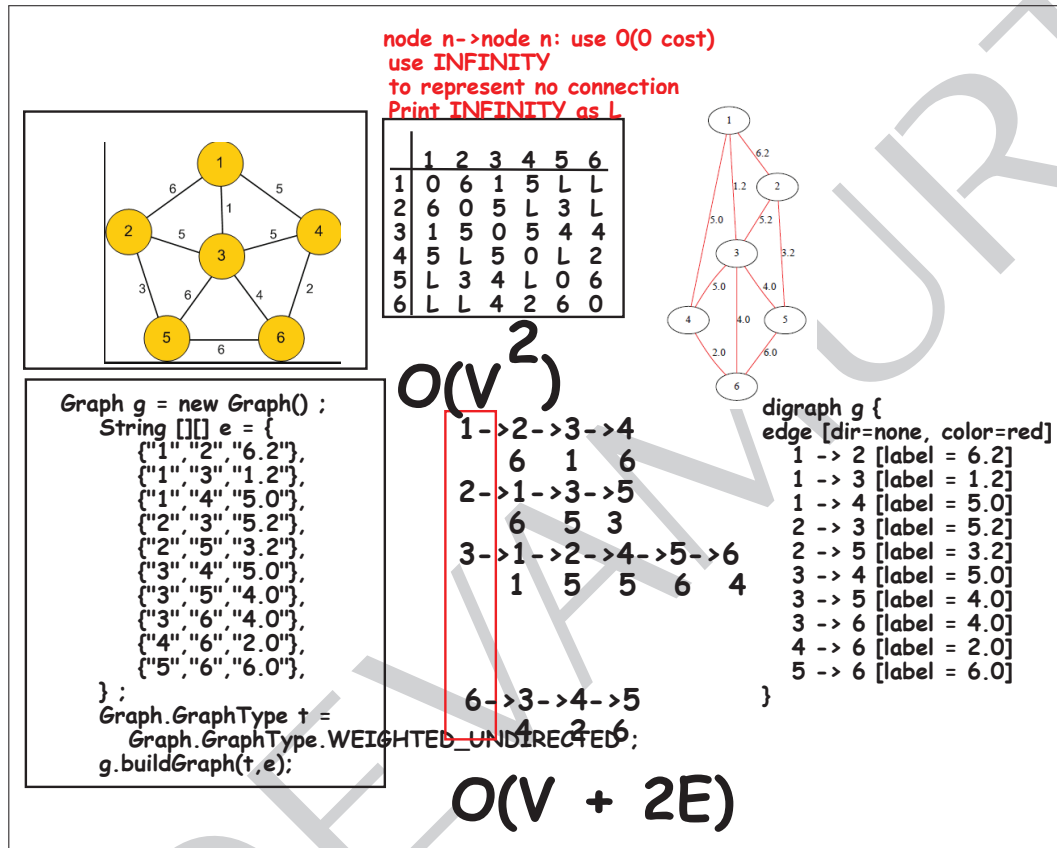


Figure 1.9: Representation of an undirected weighted graph

1.3.3 Directed graph representation

1.3. GRAPH REPRESENTATION

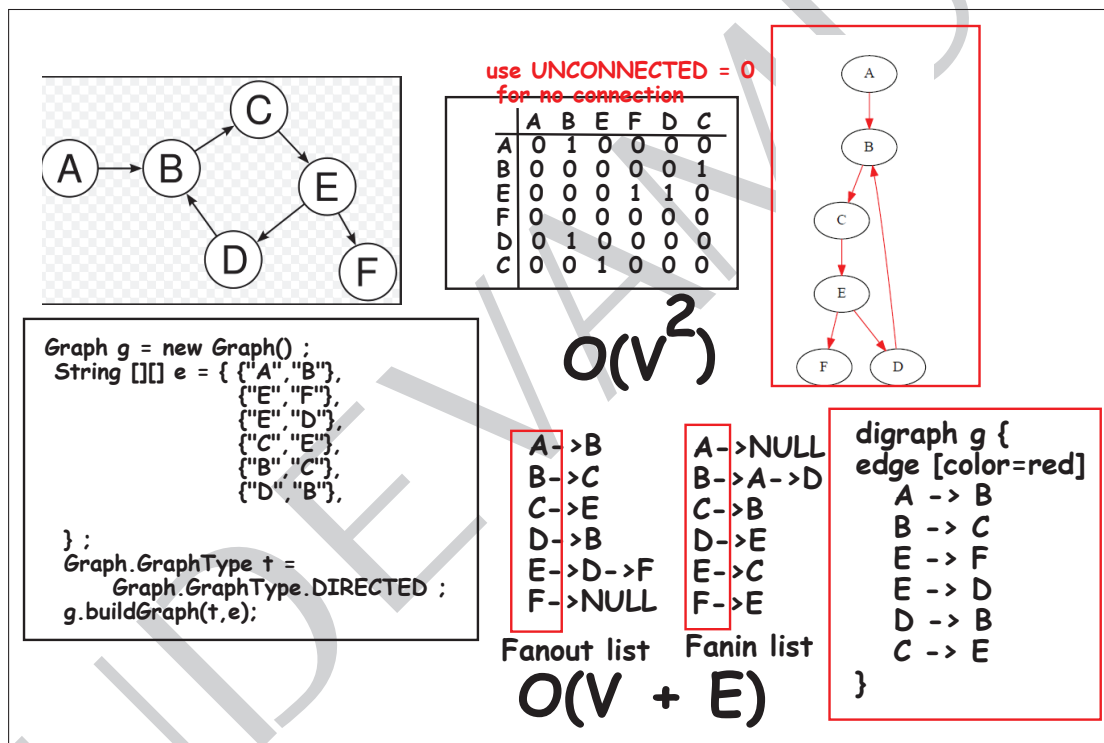


Figure 1.10: Representation of a directed graph

1.3.4 Directed weighted graph representation

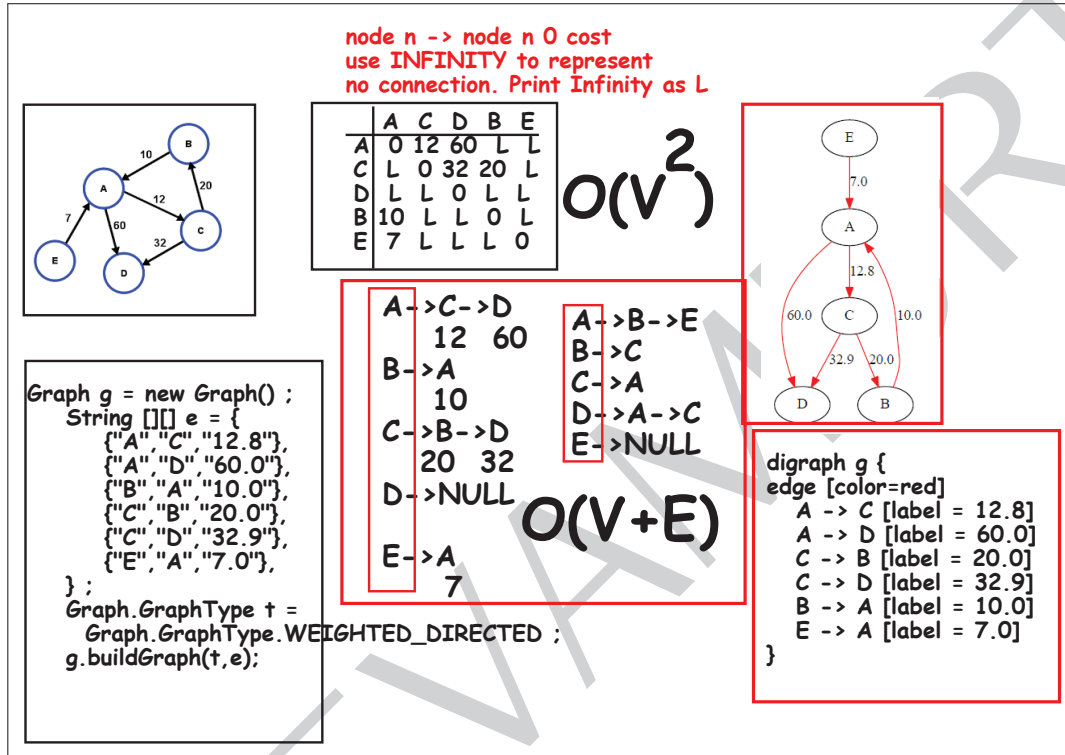


Figure 1.11: Representation of a directed weighted graph

1.4 Graph representation using adjacency list

1.4. GRAPH REPRESENTATION USING ADJACENCY LIST

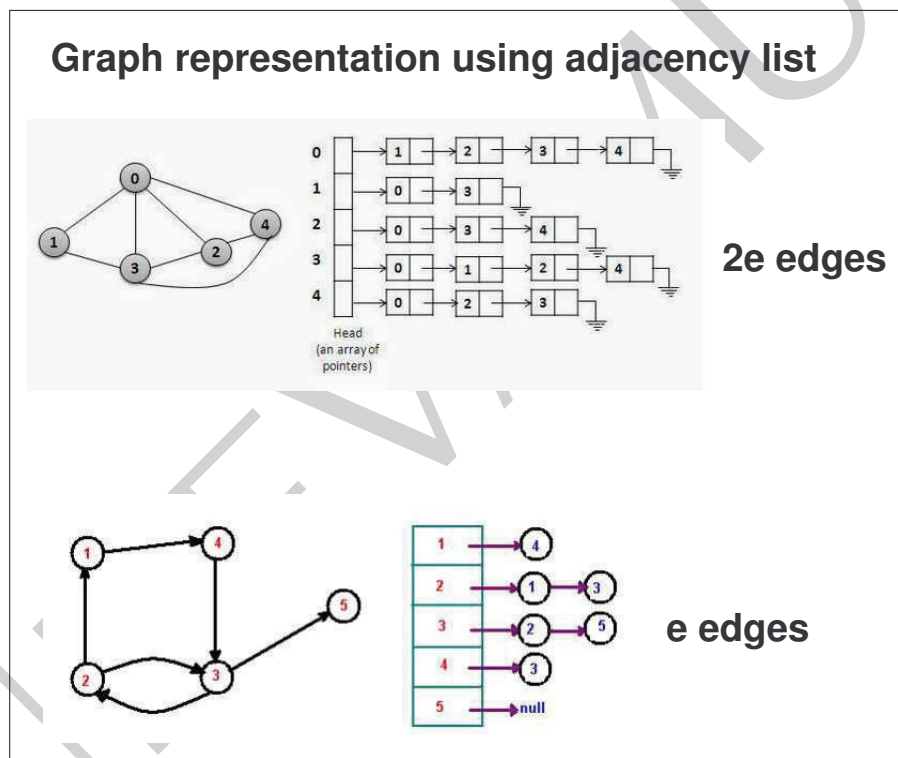


Figure 1.12: Graph data structure using adjacency list

1.5 Graph representation using fanins and fanouts lists

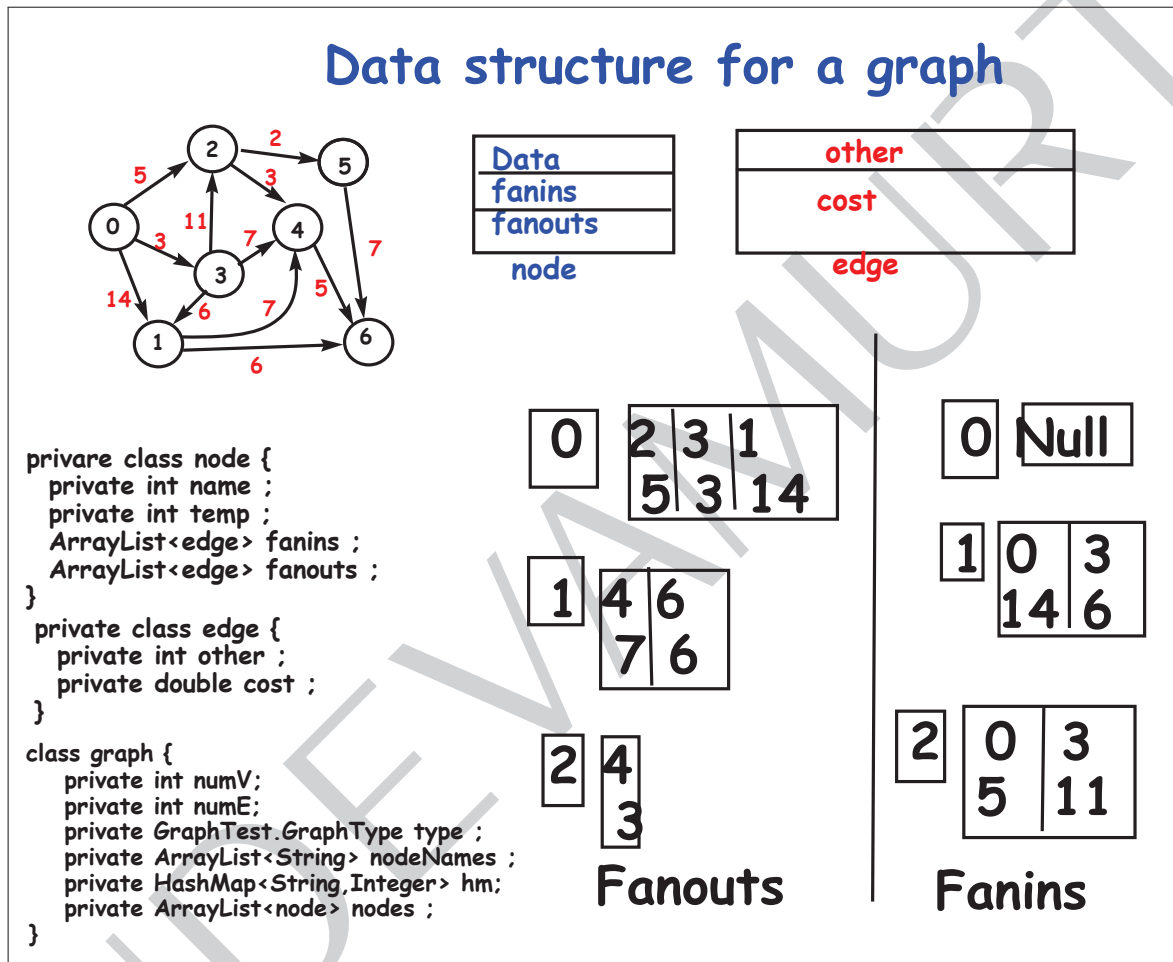


Figure 1.13: Graph data structure

1.5.1 Undirected graph representation

1.5. GRAPH REPRESENTATION USING FANINS AND FANOUTS LISTS

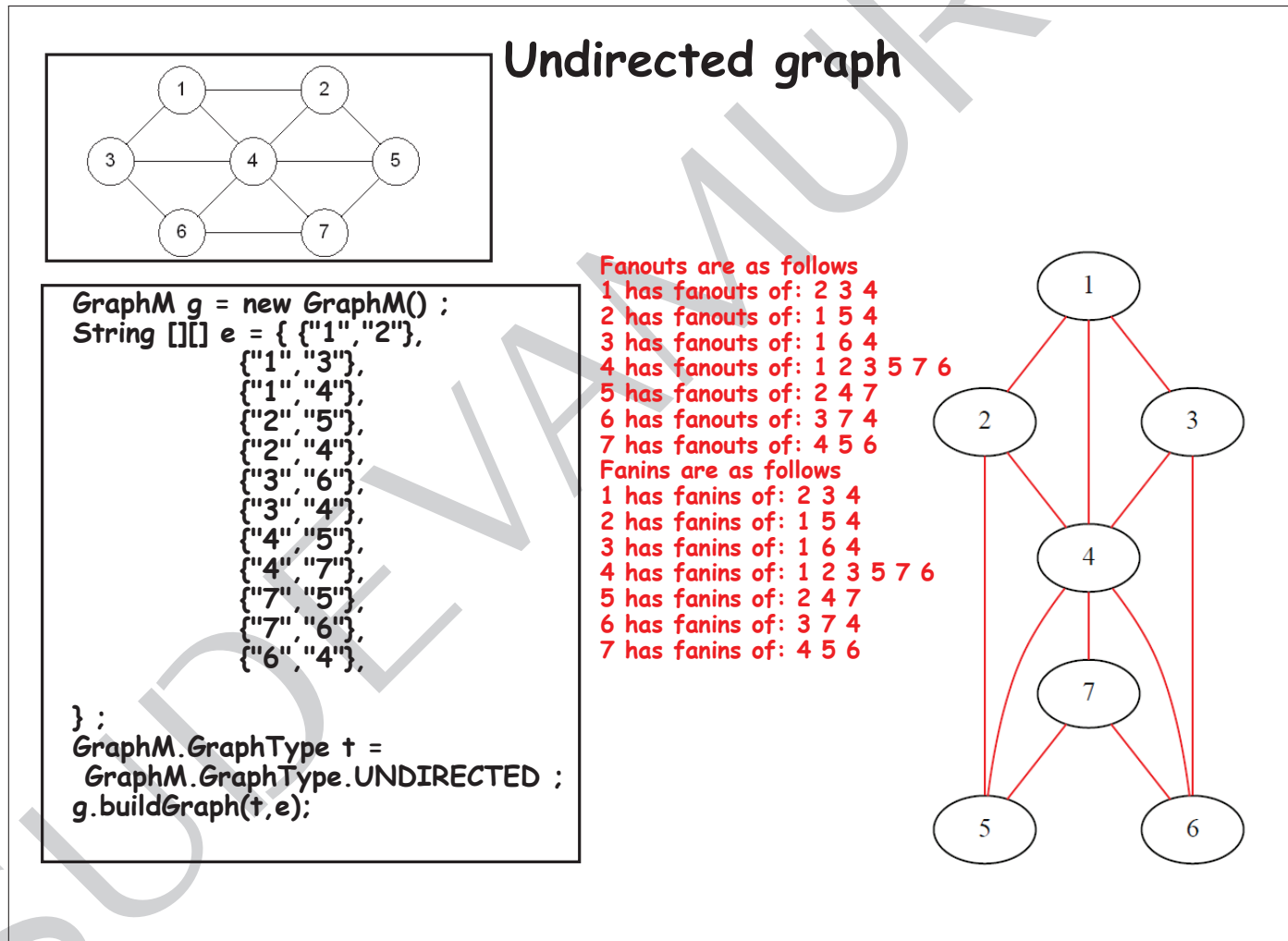


Figure 1.14: Representation of an undirected graph

1.5.2 Undirected weighted graph representation

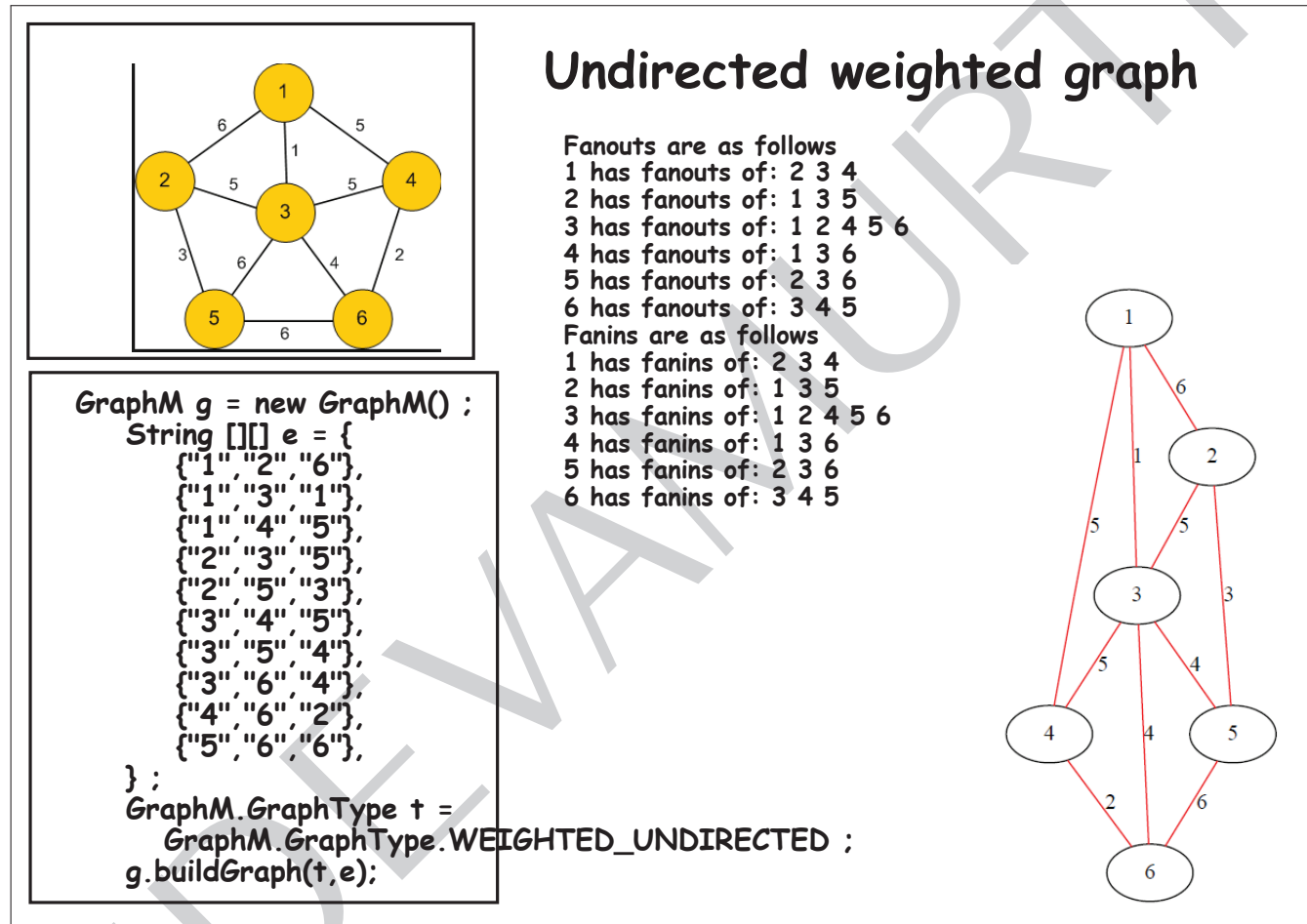


Figure 1.15: Representation of an undirected weighted graph

1.5.3 Directed graph representation

1.5. GRAPH REPRESENTATION USING FANINS AND FANOUTS LISTS

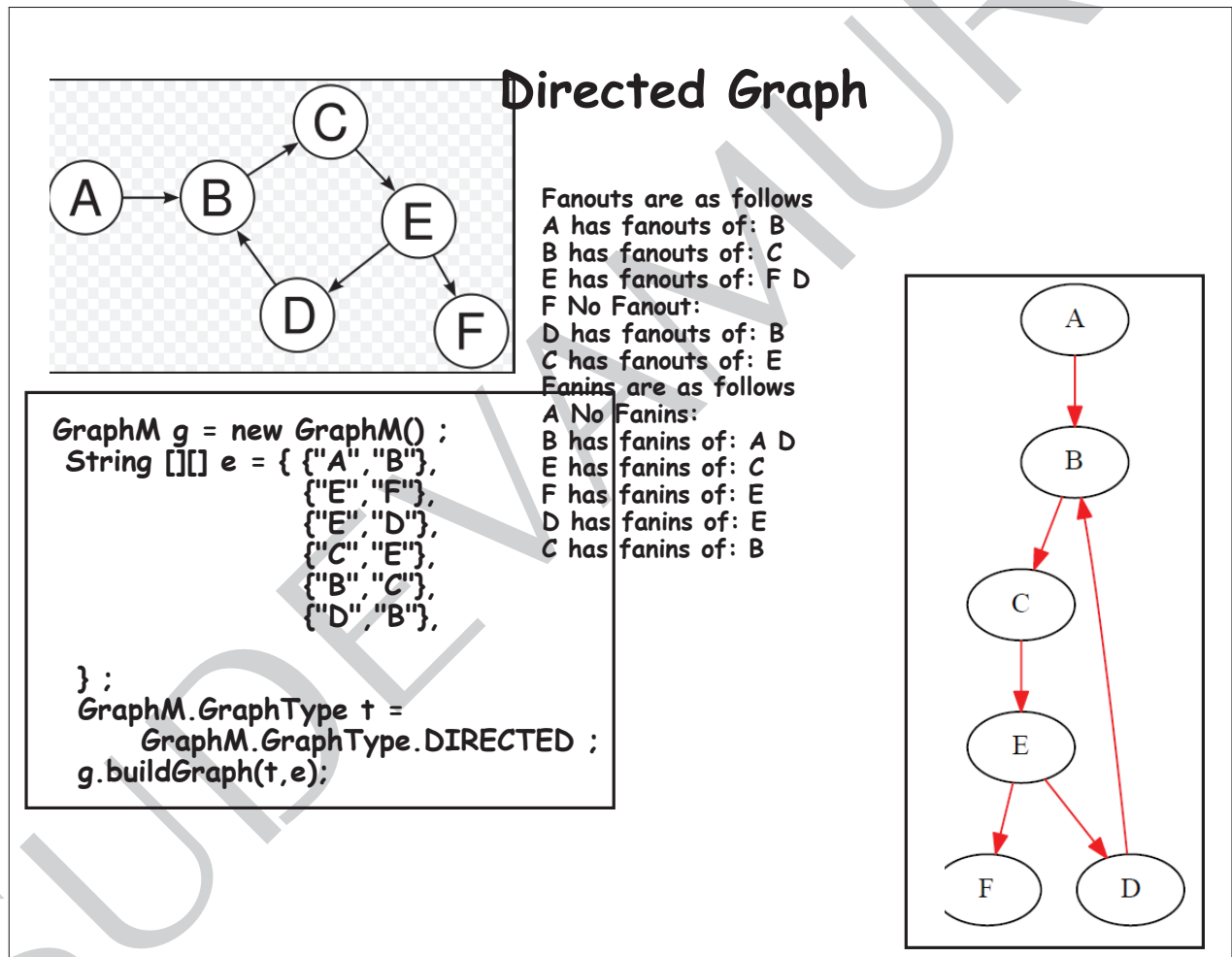


Figure 1.16: Representation of a directed graph

1.5.4 Directed weighted graph representation

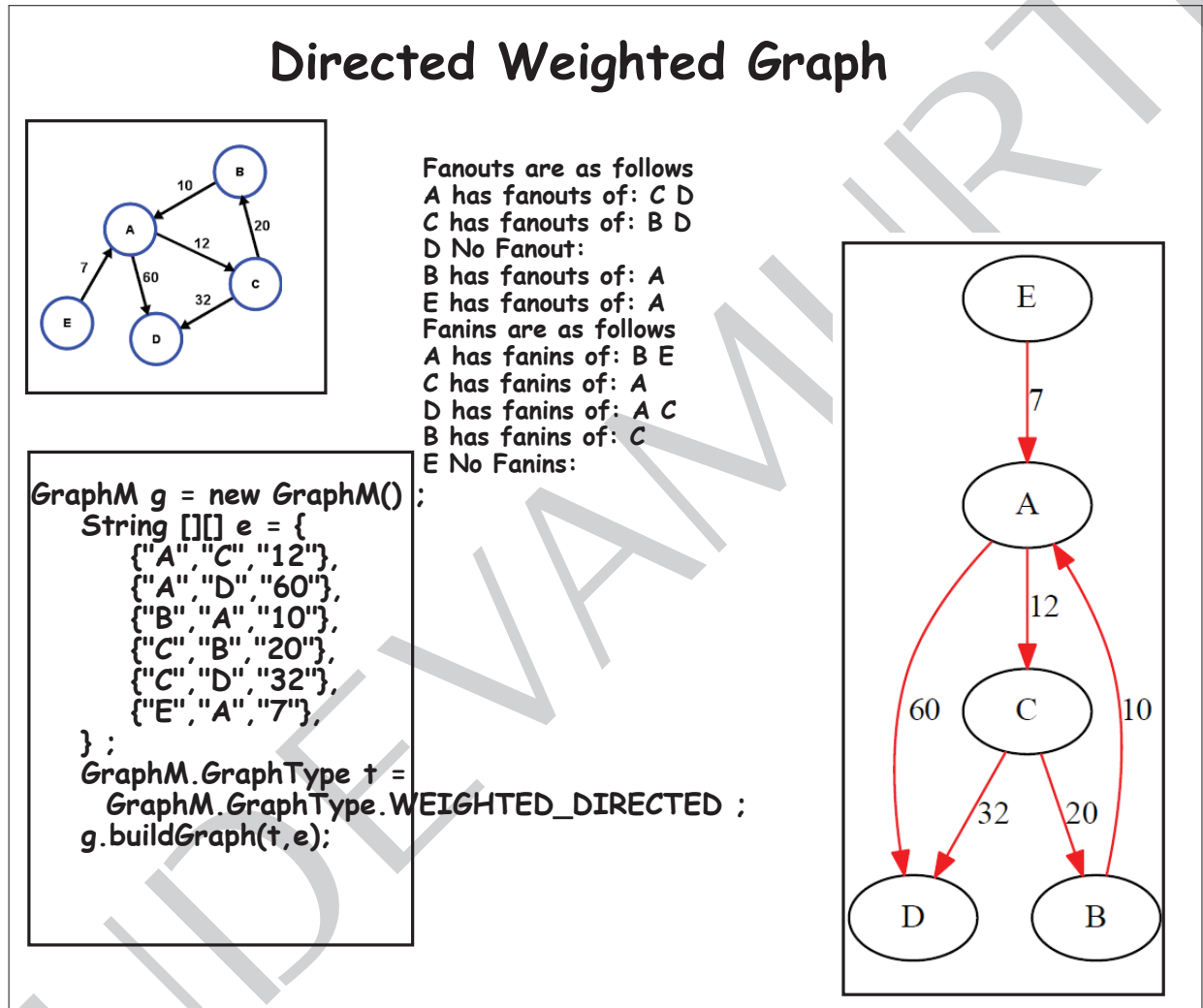


Figure 1.17: Representation of a directed weighted graph

1.6 Depth first search