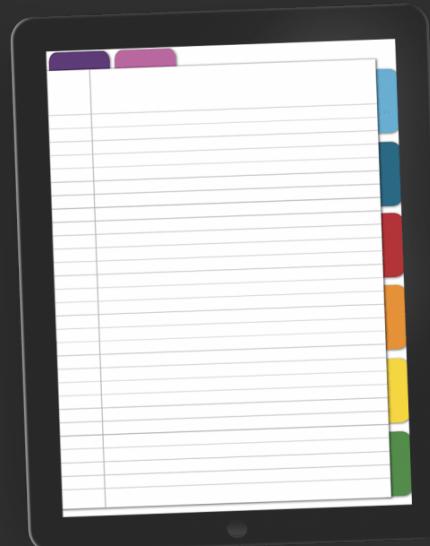


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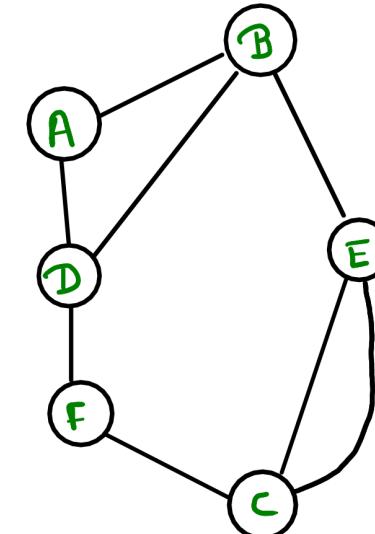
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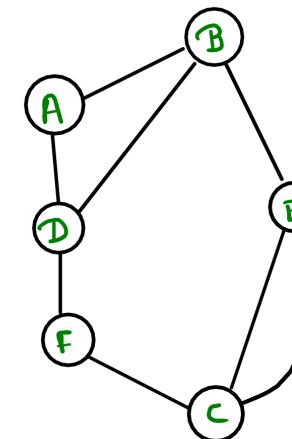
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Graph (G): Defined by a set of vertices (V) and a set of edges (E), where every edge joins two vertices.

Undirected graph: All edges are bidirectional.



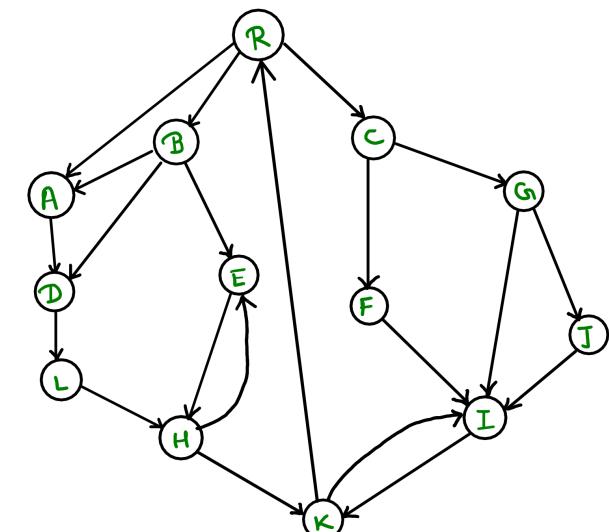
Unweighted graph: All edges are identical.



Weighted graph: Every edge is assigned a number, which may denote quantities like cost, capacity etc.

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Directed graph: Every edge (usually called arc in a directed graph) is directed from one vertex to another.



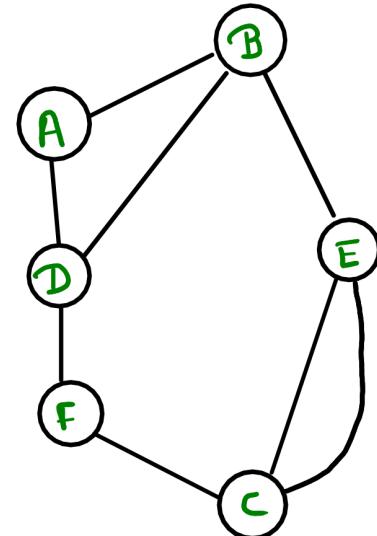
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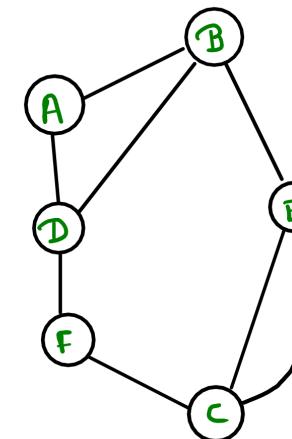
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Graph (G): Defined by a set of vertices (V) and a set of edges (E), where every edge joins two vertices.

Undirected graph: All edges are bidirectional.

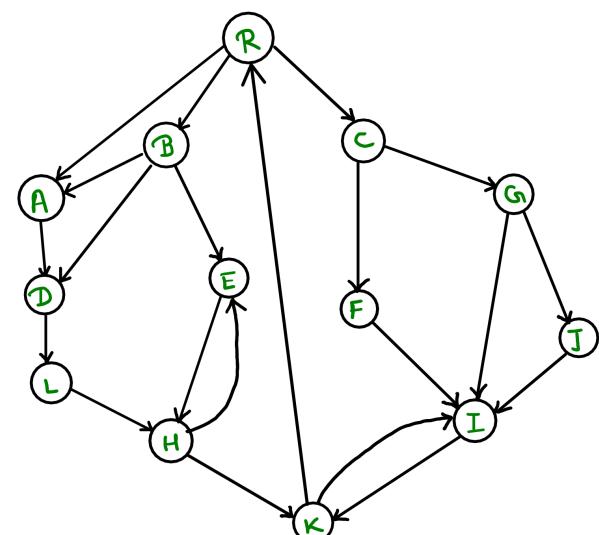


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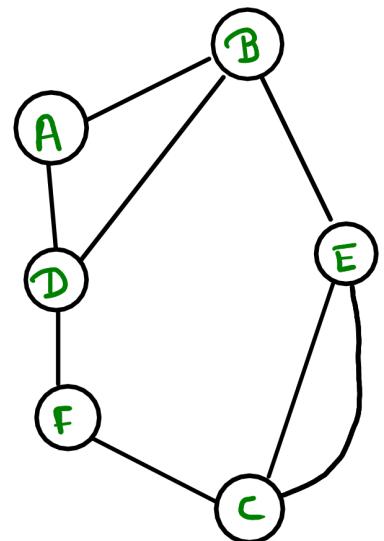


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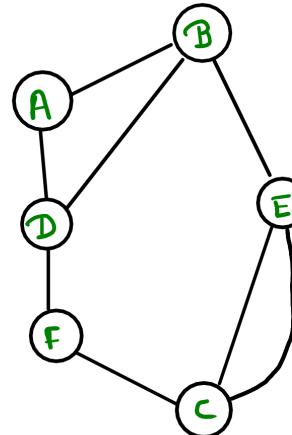
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Graph (G): Defined by a set of vertices (V) and a set of edges (E), where every edge joins two vertices.

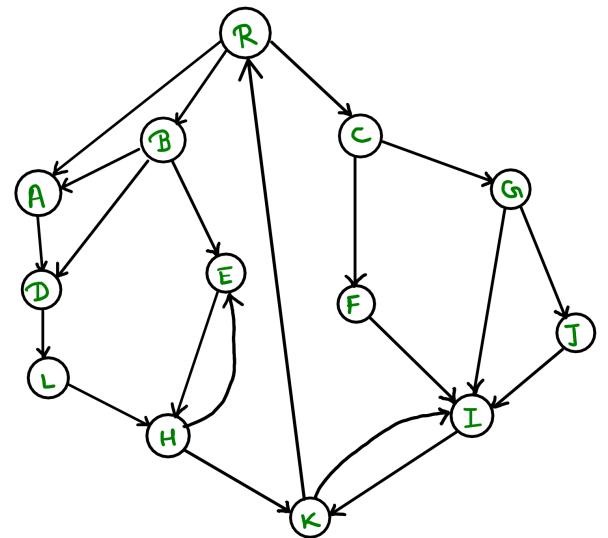


Undirected graph: All edges are bidirectional.



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Unweighted graph: All edges are identical.

Undirected graph: All edges are bidirectional.

Directed graph: Every edge is directed from one vertex to another.

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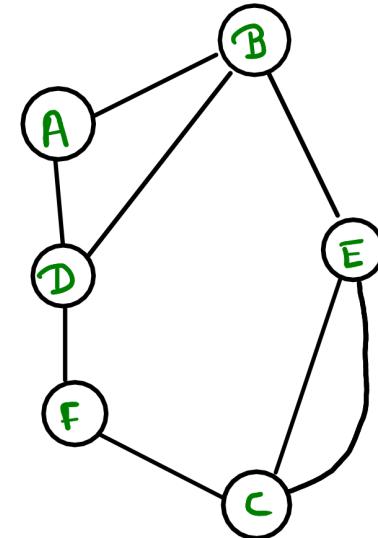
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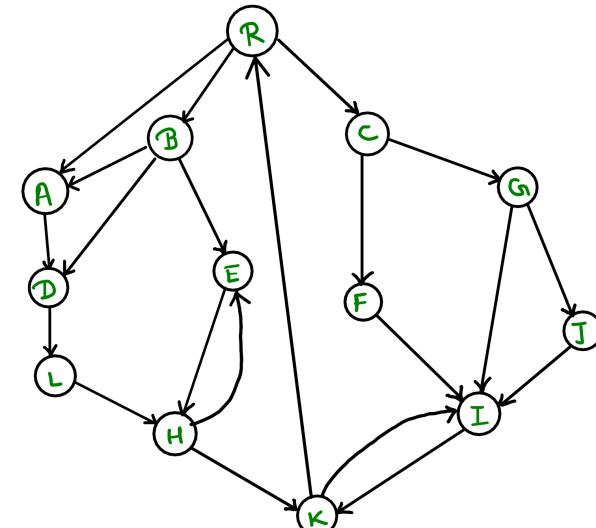
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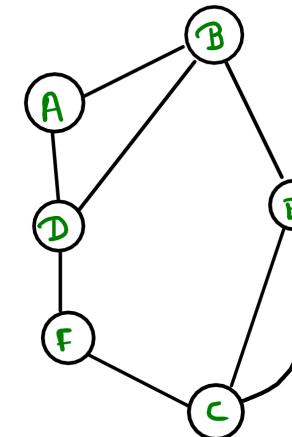
Undirected graph: All edges are bidirectional.



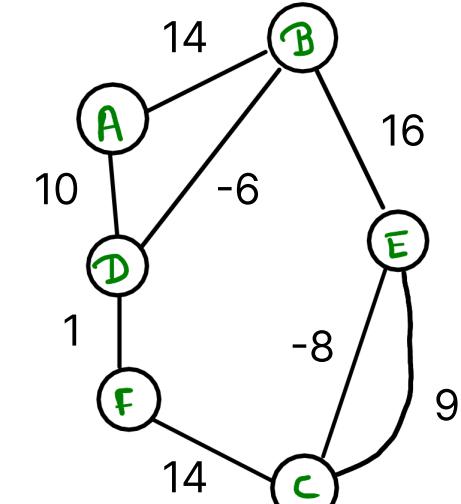
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