



Bölüm 12: Açgözlü Algoritmalar

Algoritmalar



Adım Adım Kazananlar

- Açgözlü algoritmalar, her adımda en iyi görünen seçeneği seçerek ilerler.
- Tıpkı bir define arayan gibi,
 - her aşamada en fazla kazancı sağlayacak seçeneği tercih eder.



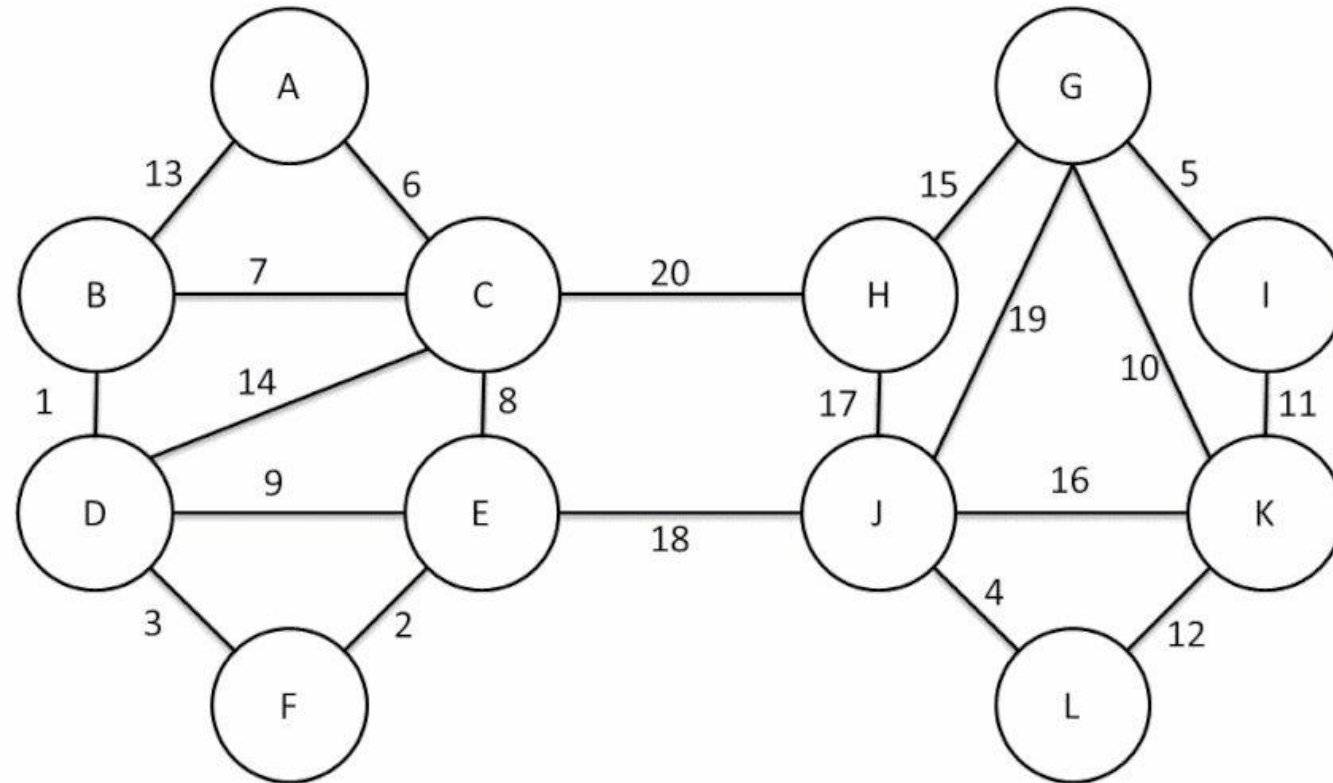


Açgözlü Algoritmalar

- Açgözlü algoritmaları, basamaklı bir yaklaşıma benzer.
- Her adımda, mevcut durum için en iyi sonucu verecek seçenek seçilir.
- Tıpkı bir yolculuk planlarken en kısa yolu seçmek gibi..
- Problemi bütün olarak ele almaz, mevcut en iyi seçeneğe odaklanır.
- Karmaşık problemleri çözmek için hızlı ve basit bir yöntem sunar.
- Kod yapısı genellikle basit ve anlaşılması kolaydır.
- En iyi (optimal) çözümü bulmayı garanti etmez.
- Çoğu durumda iyi bir yaklaşım üretir.

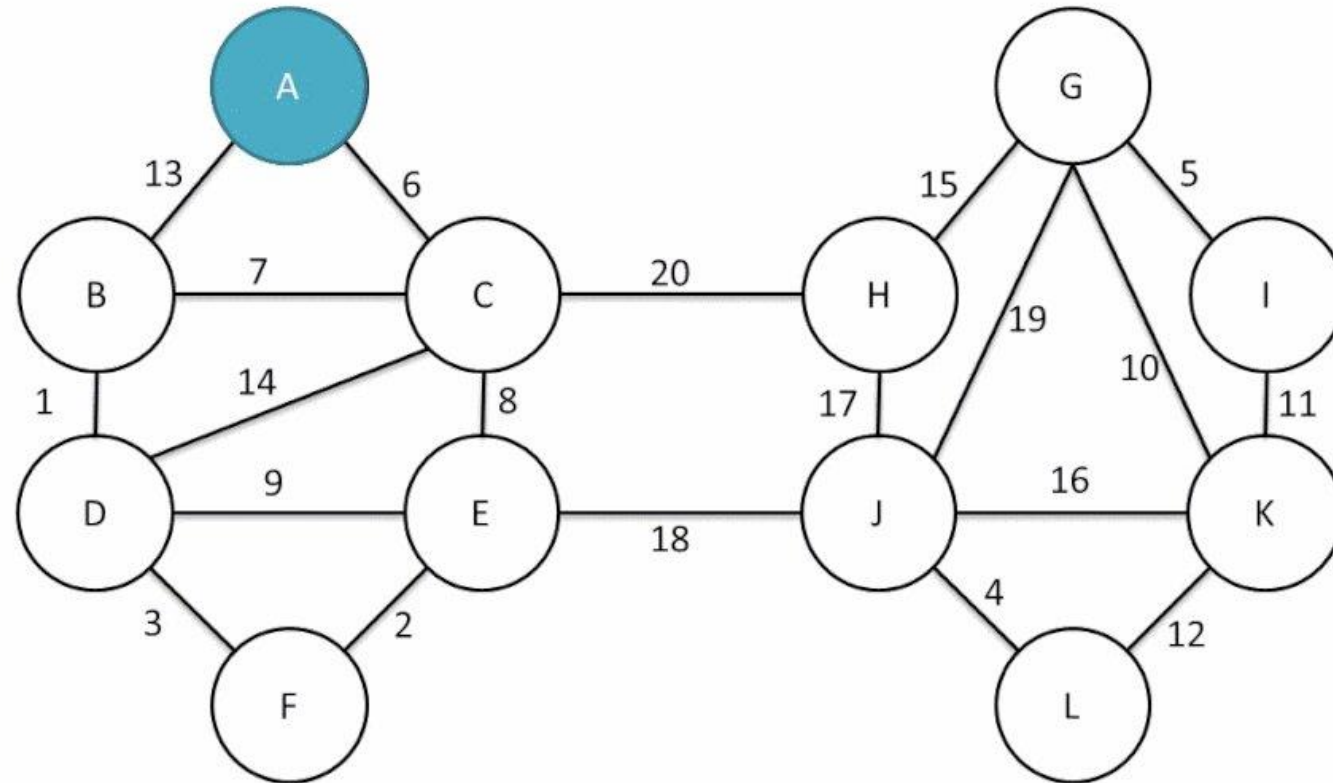


Borůvka's Algorithm



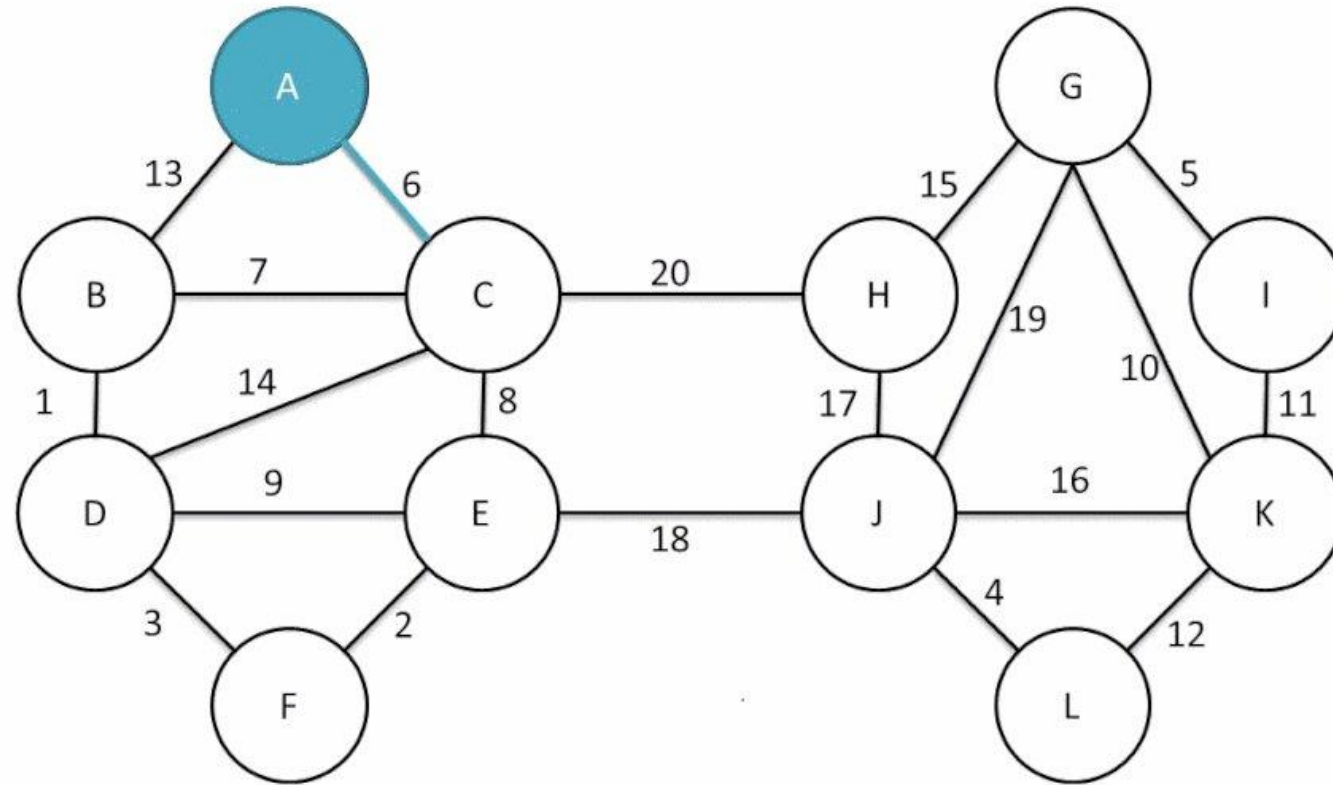


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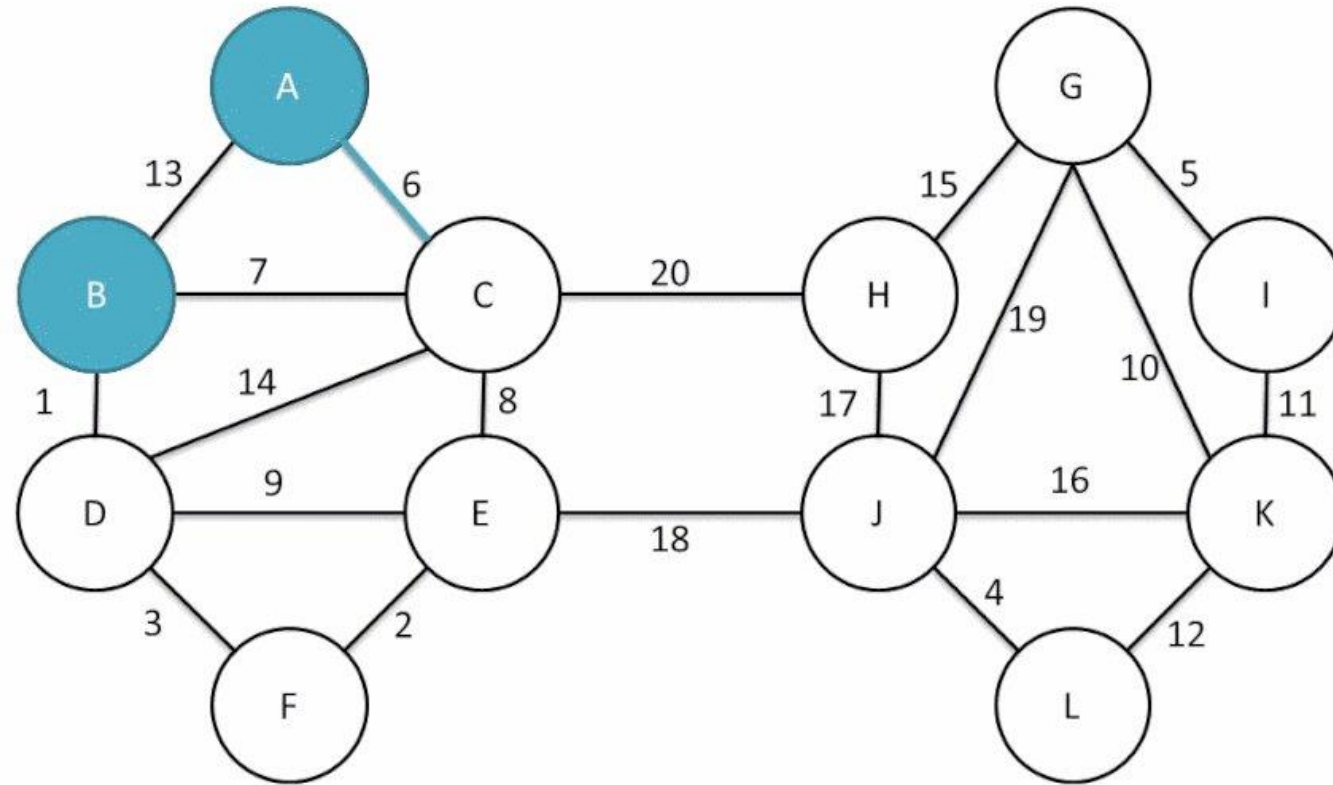


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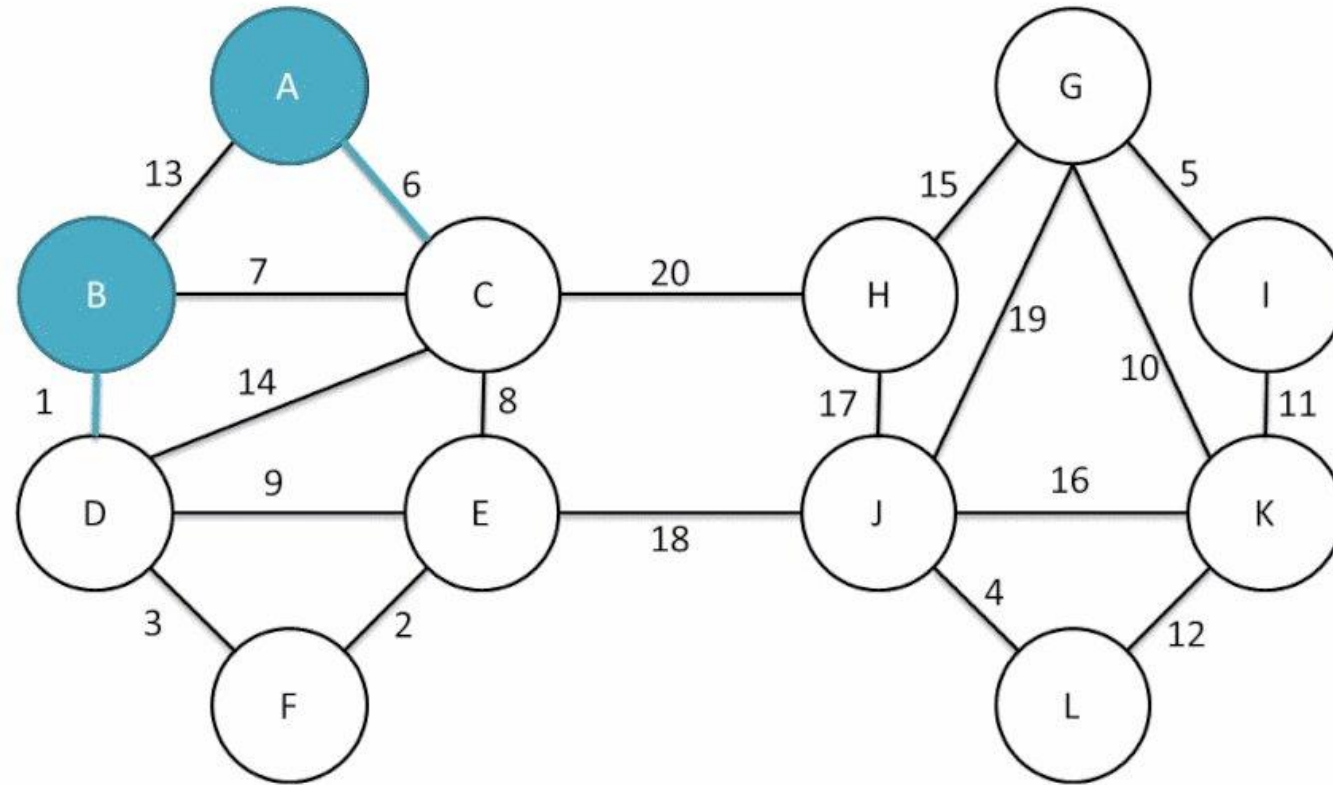


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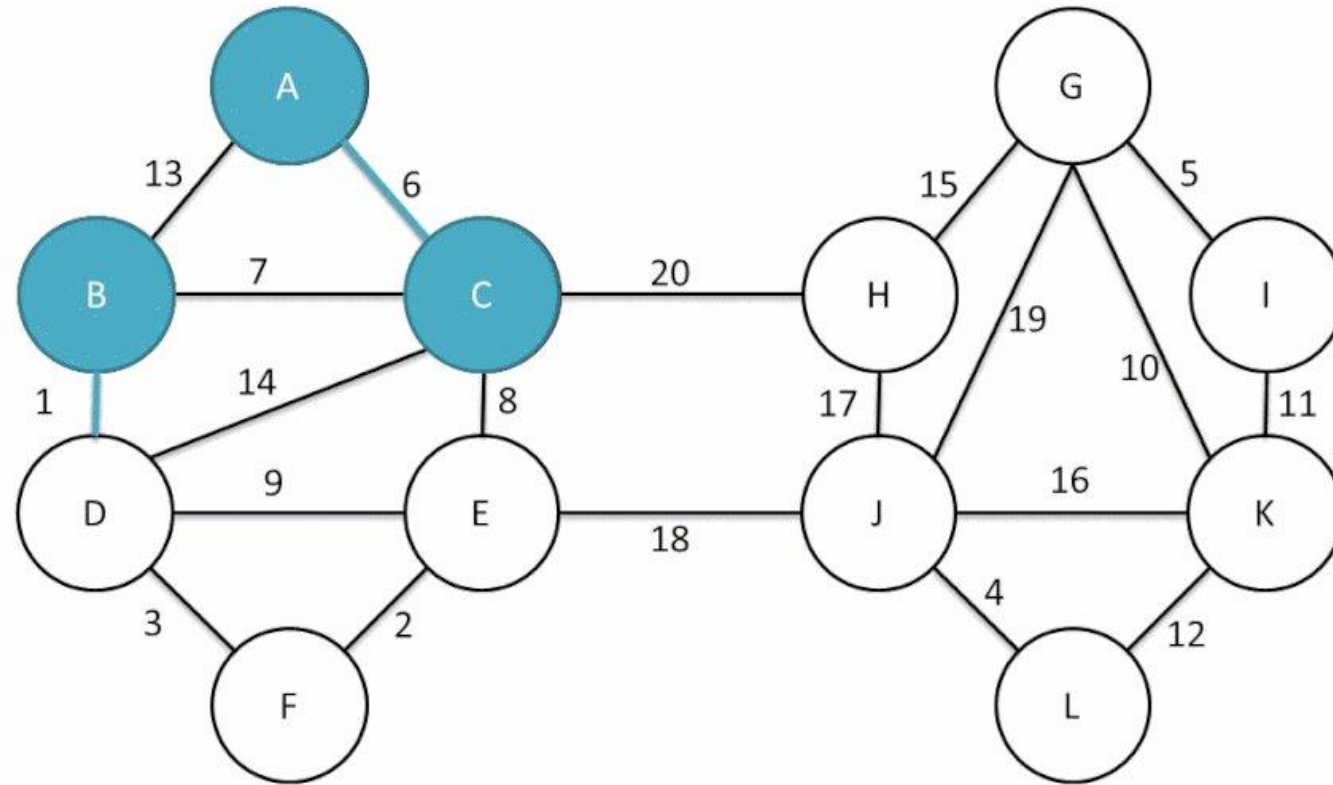


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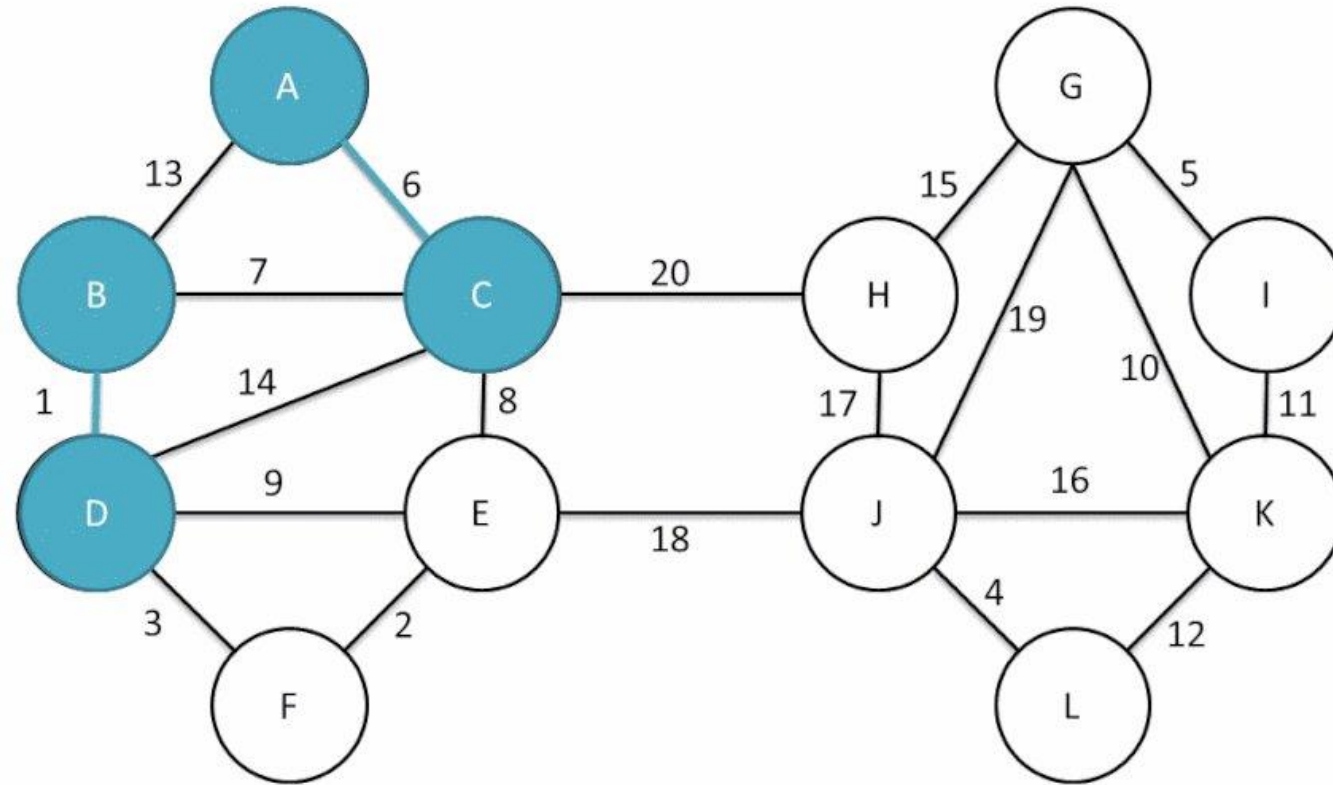


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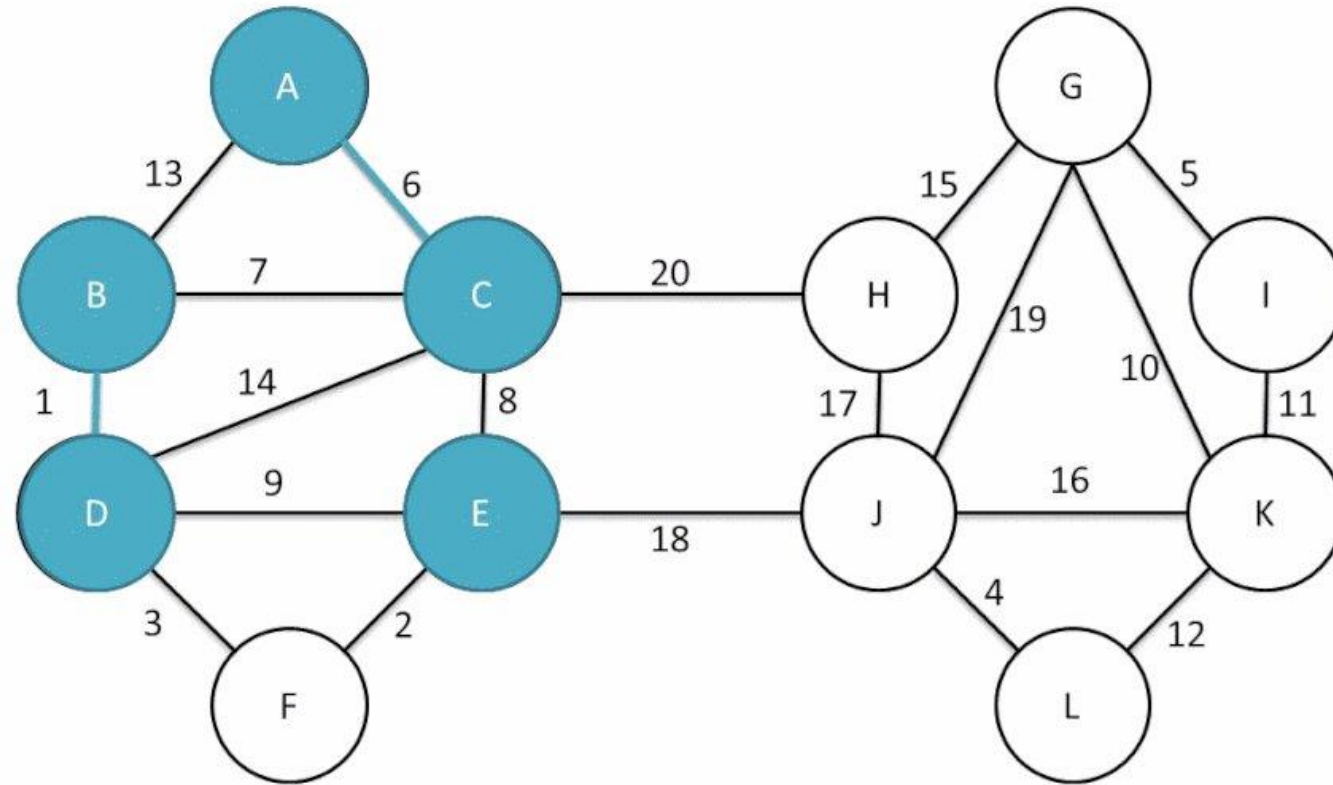


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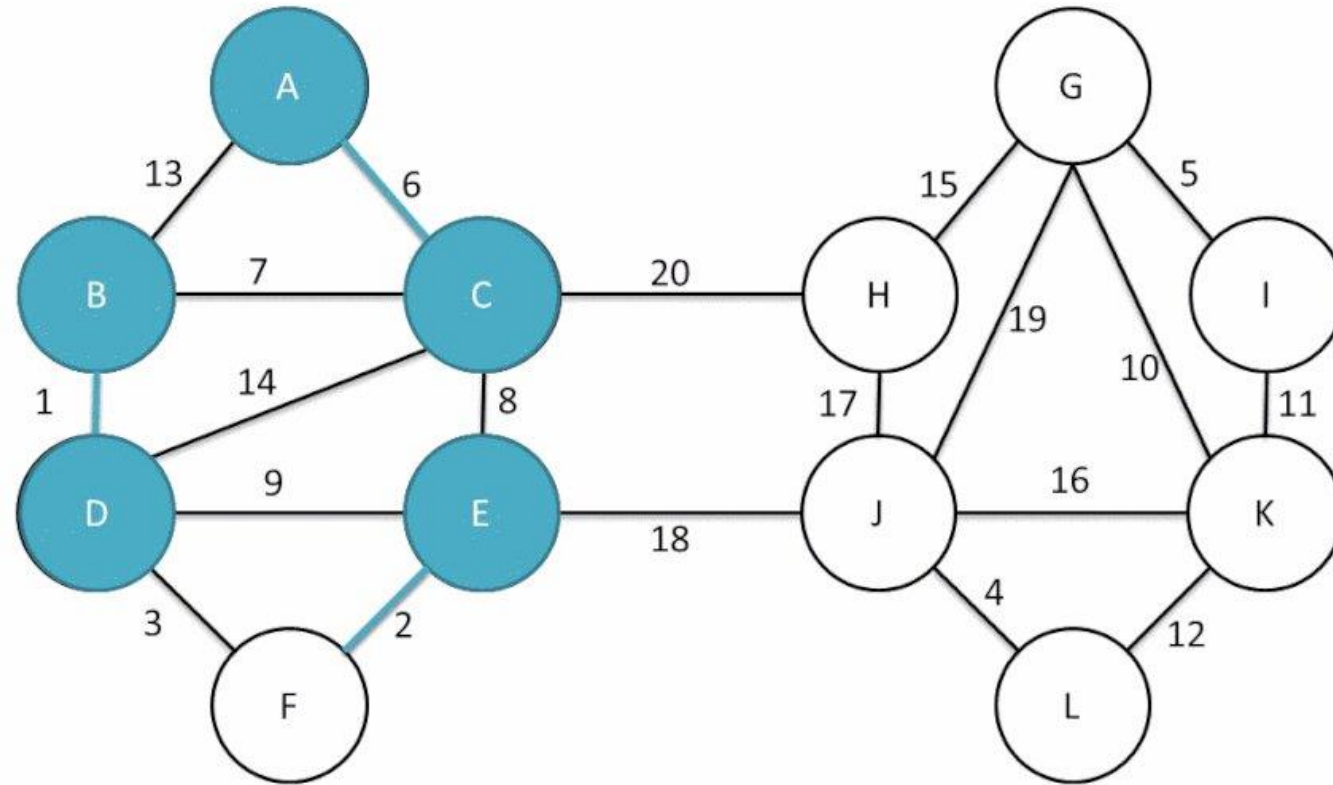


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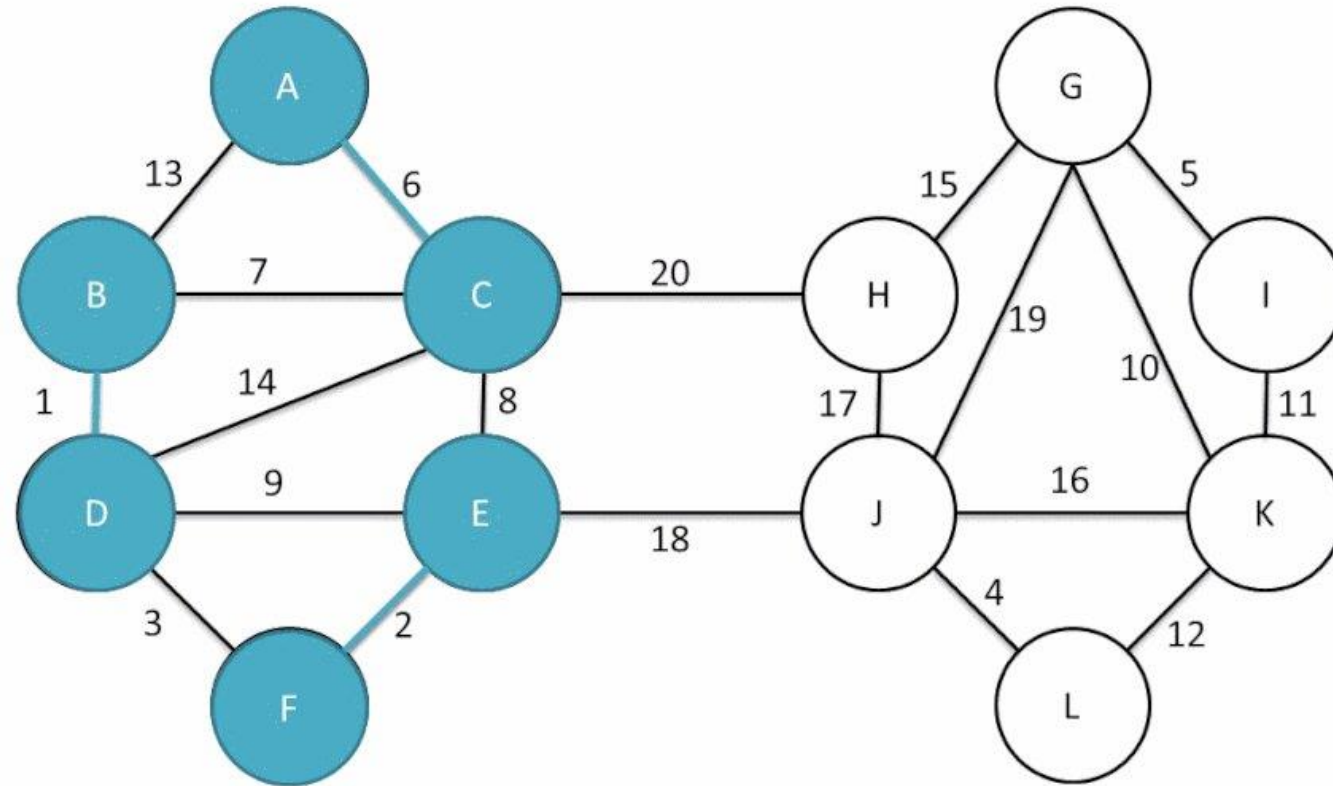


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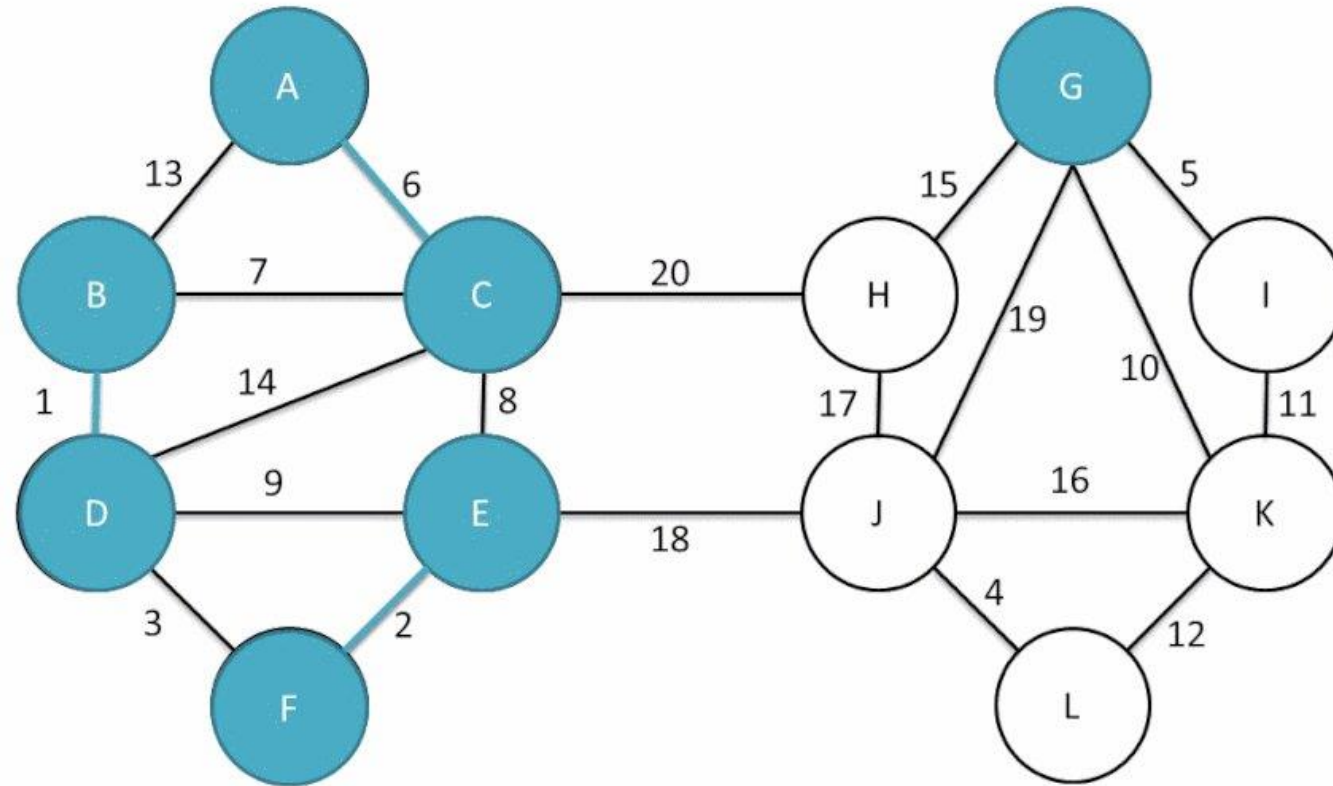


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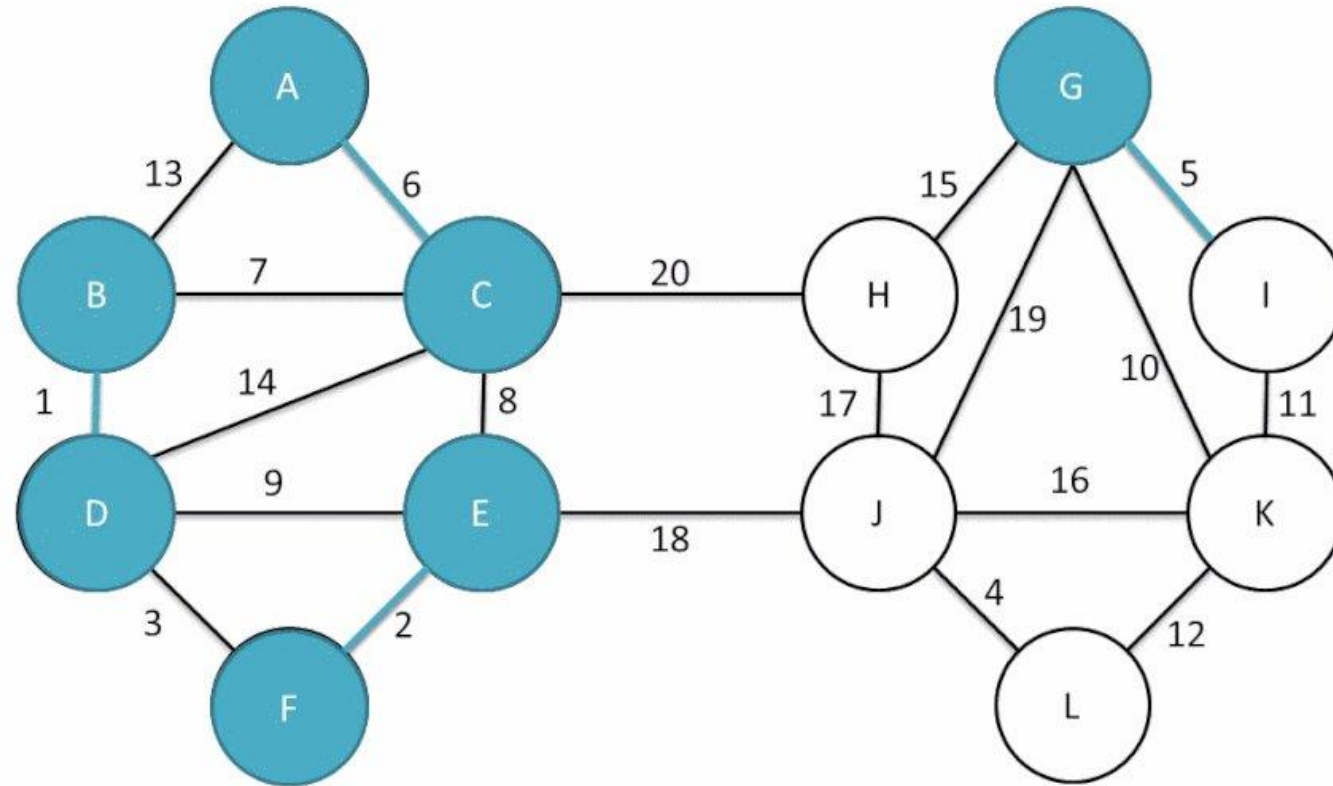


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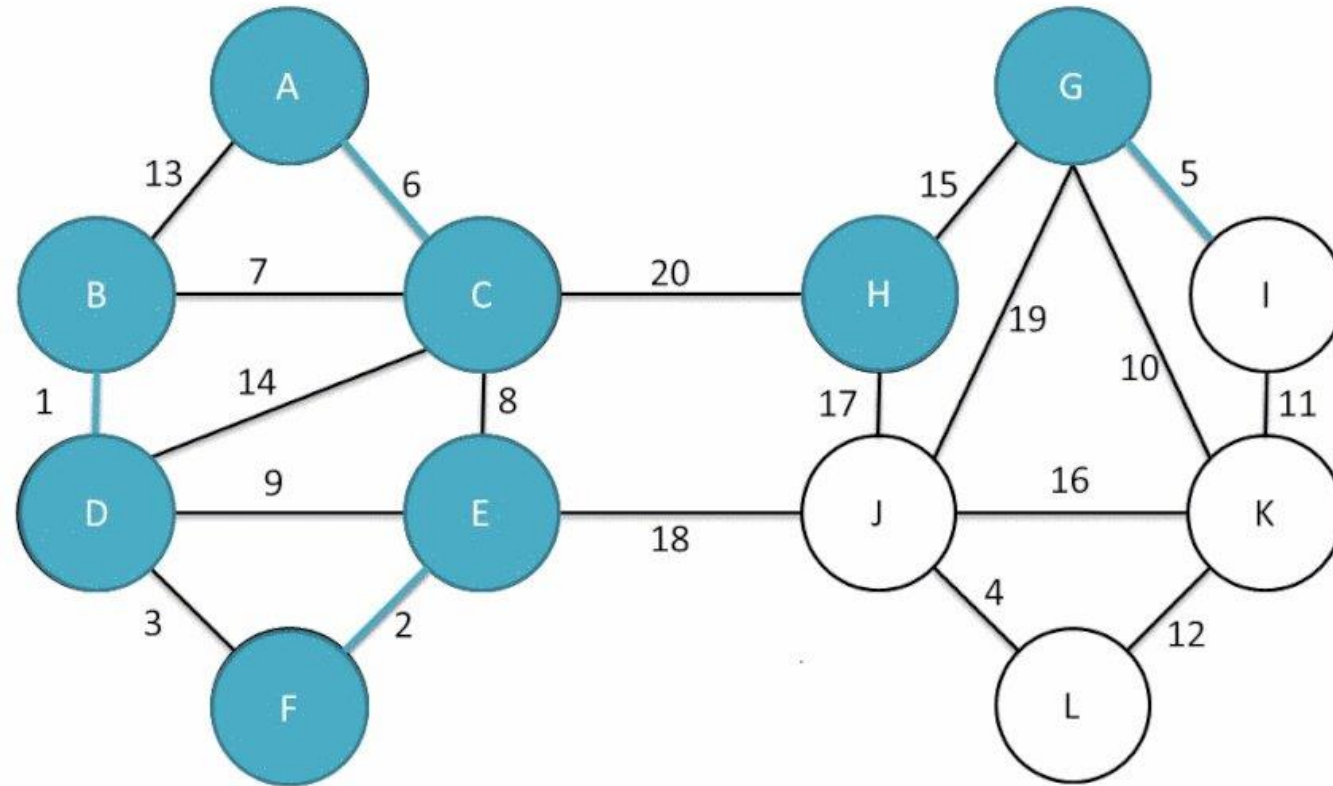


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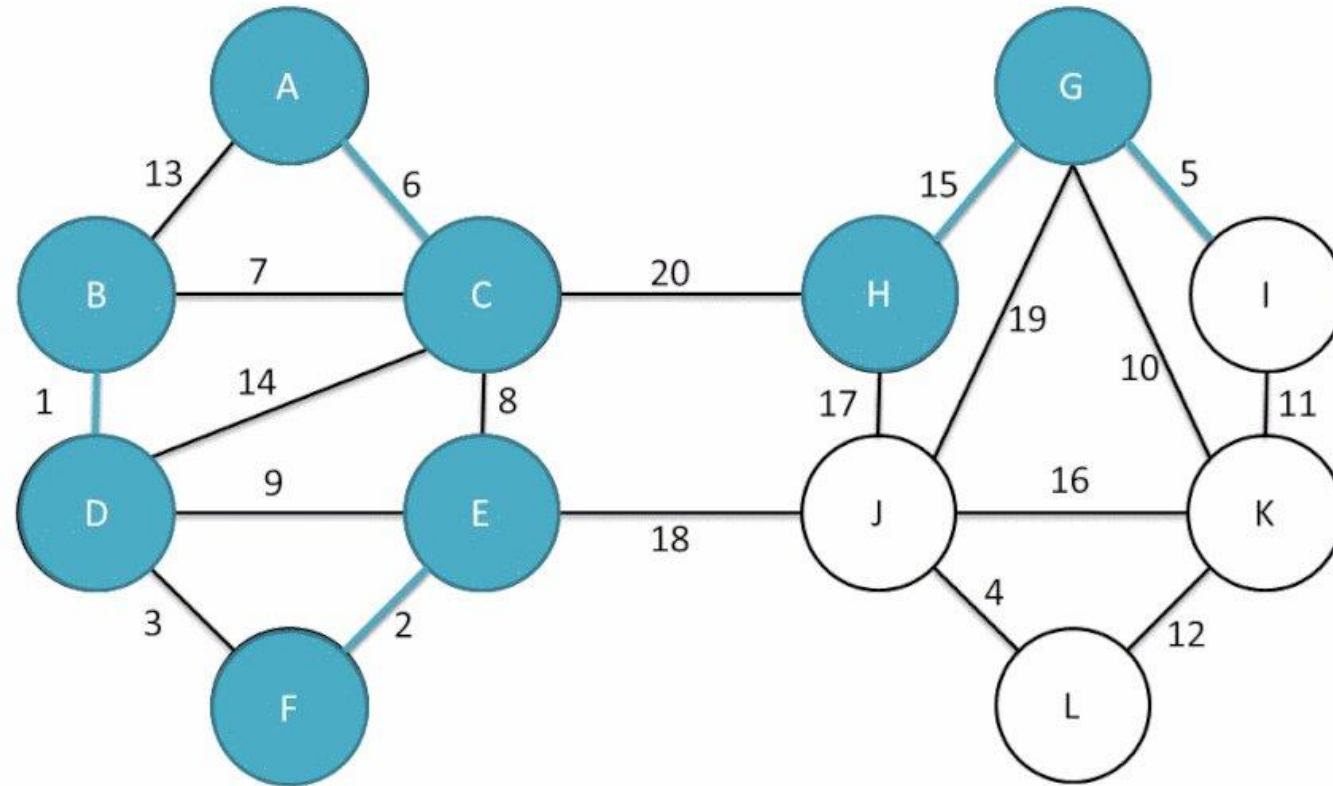


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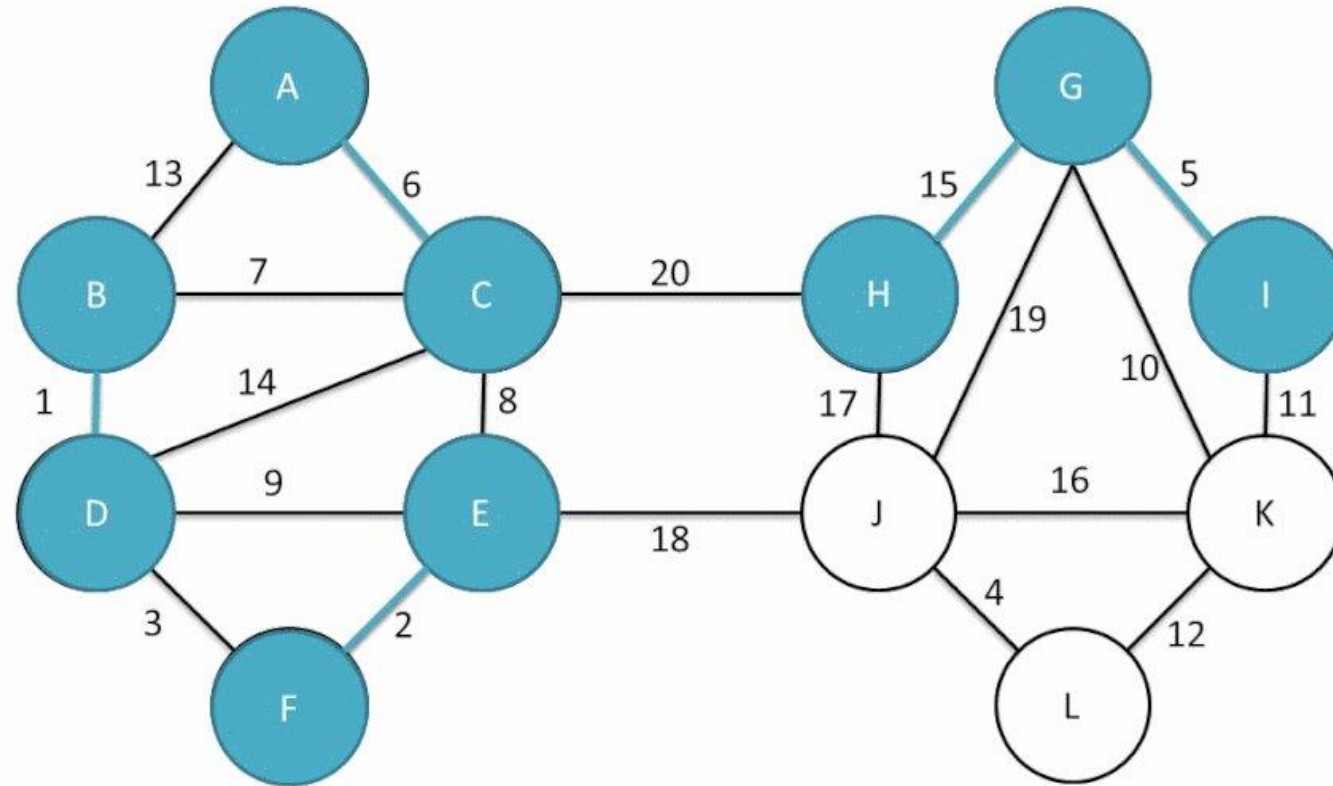


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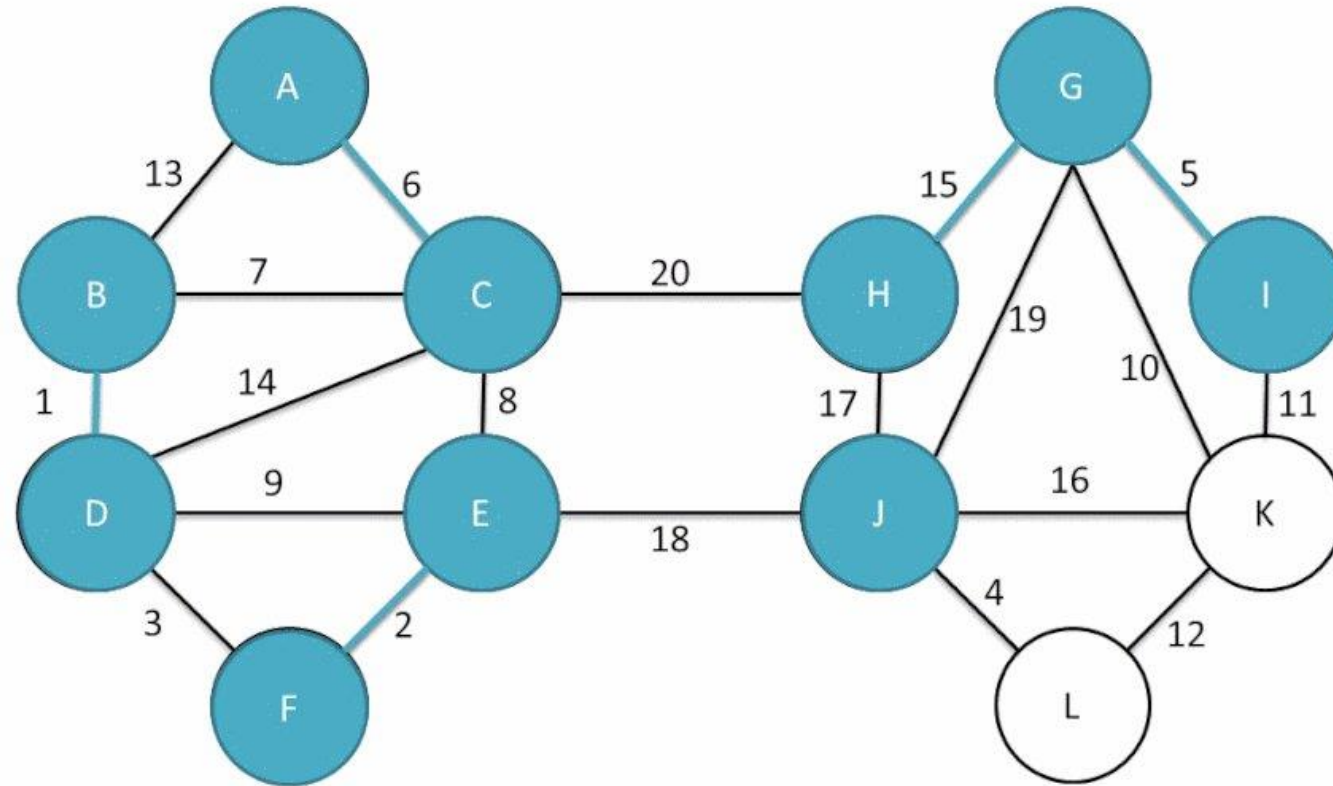


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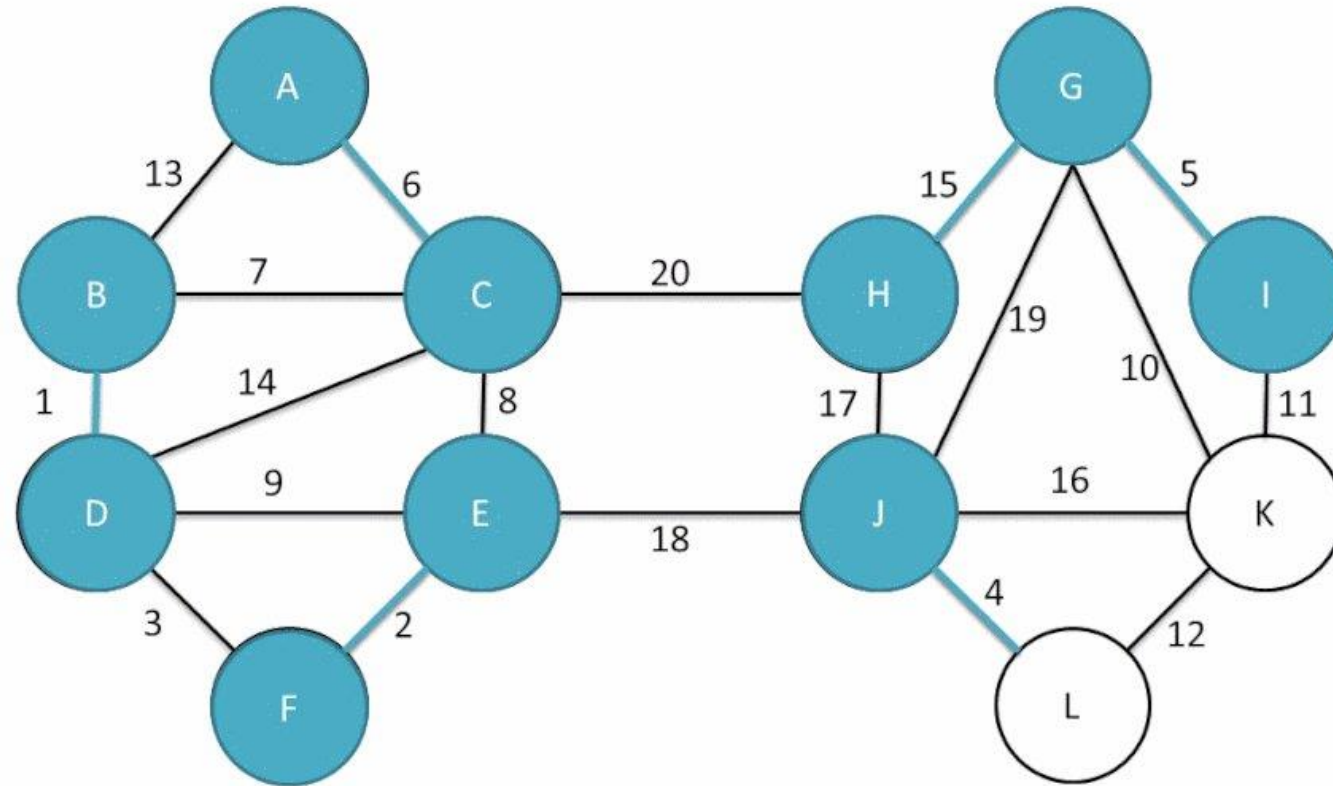


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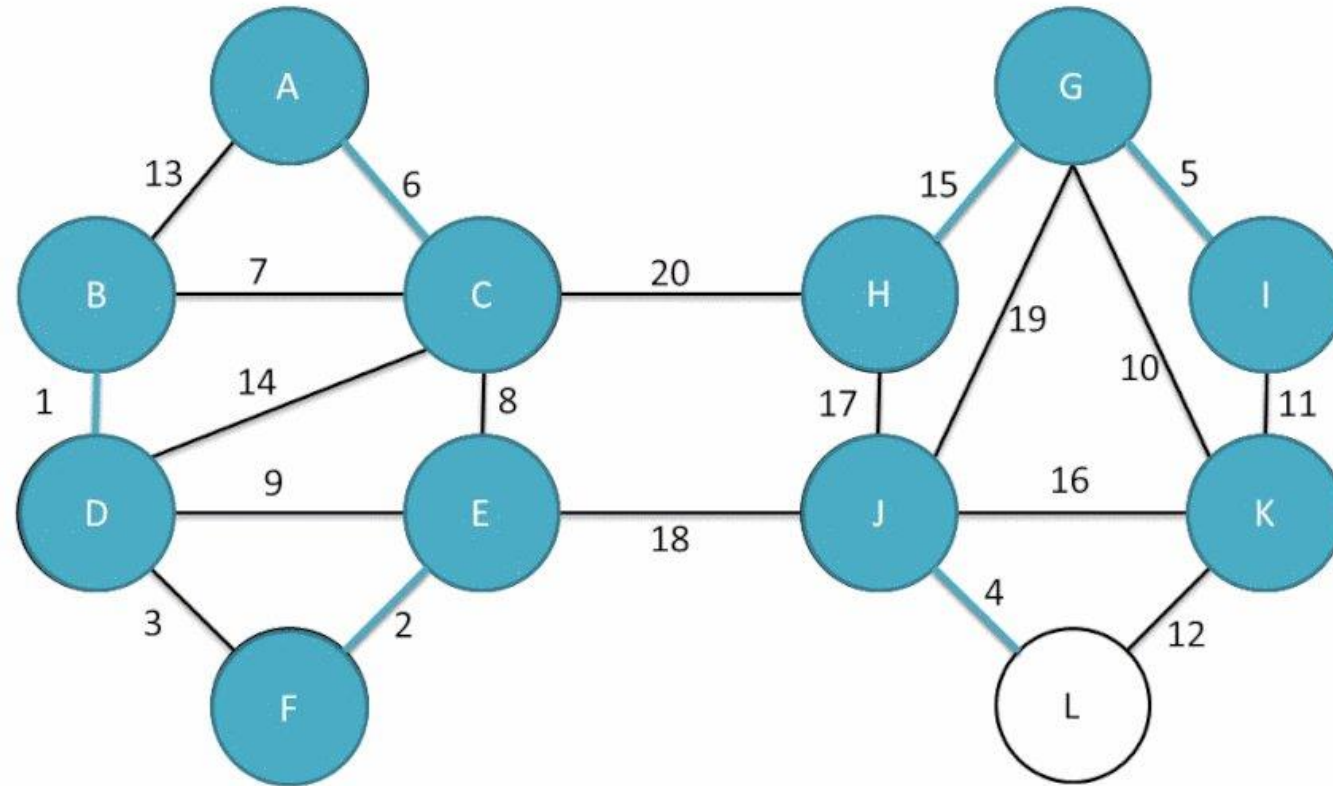


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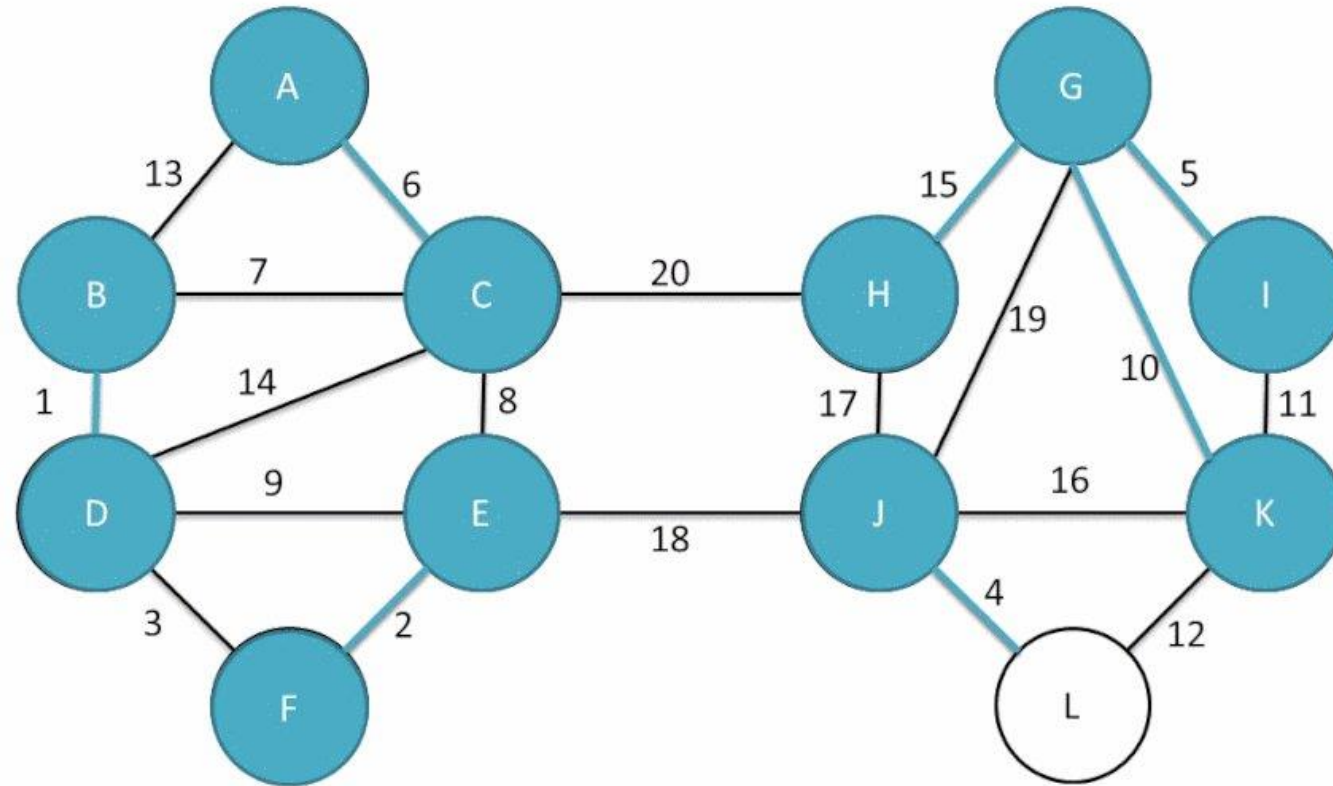


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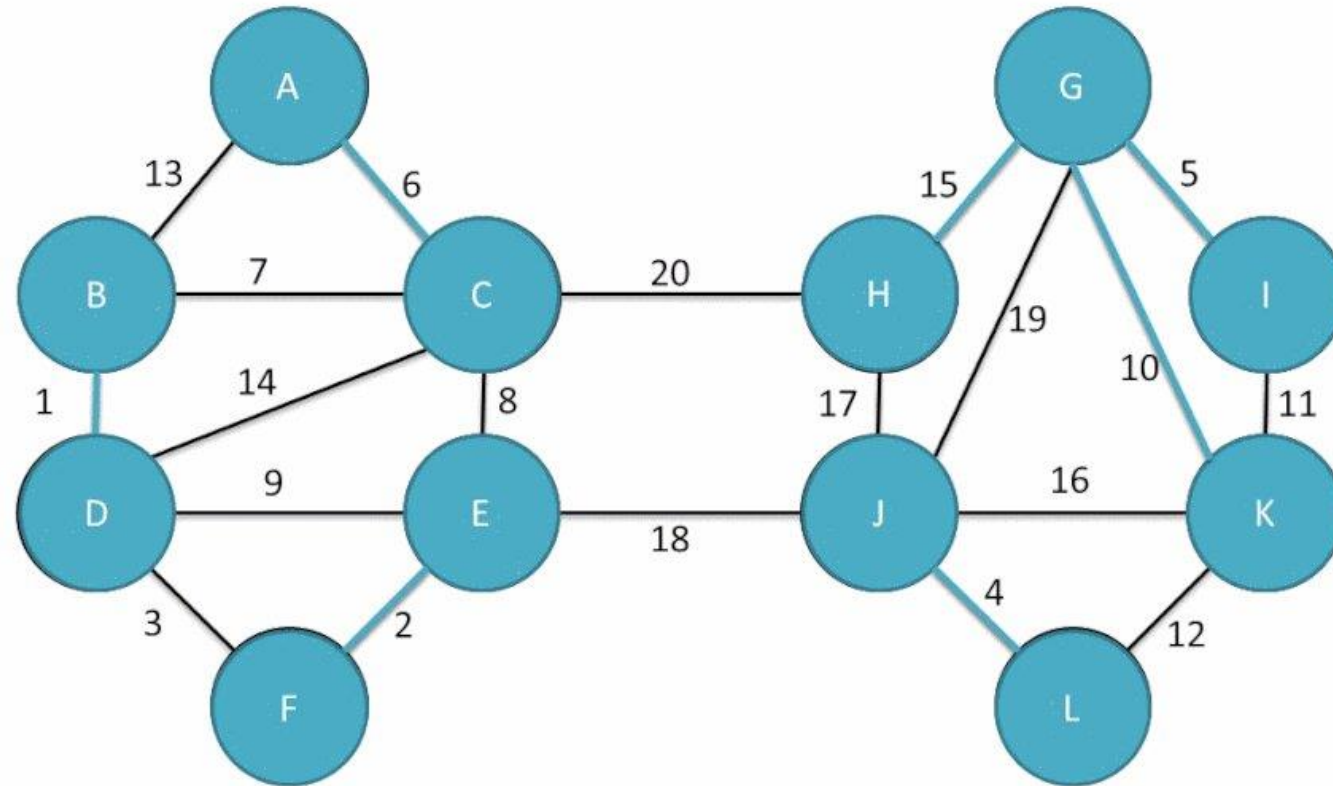


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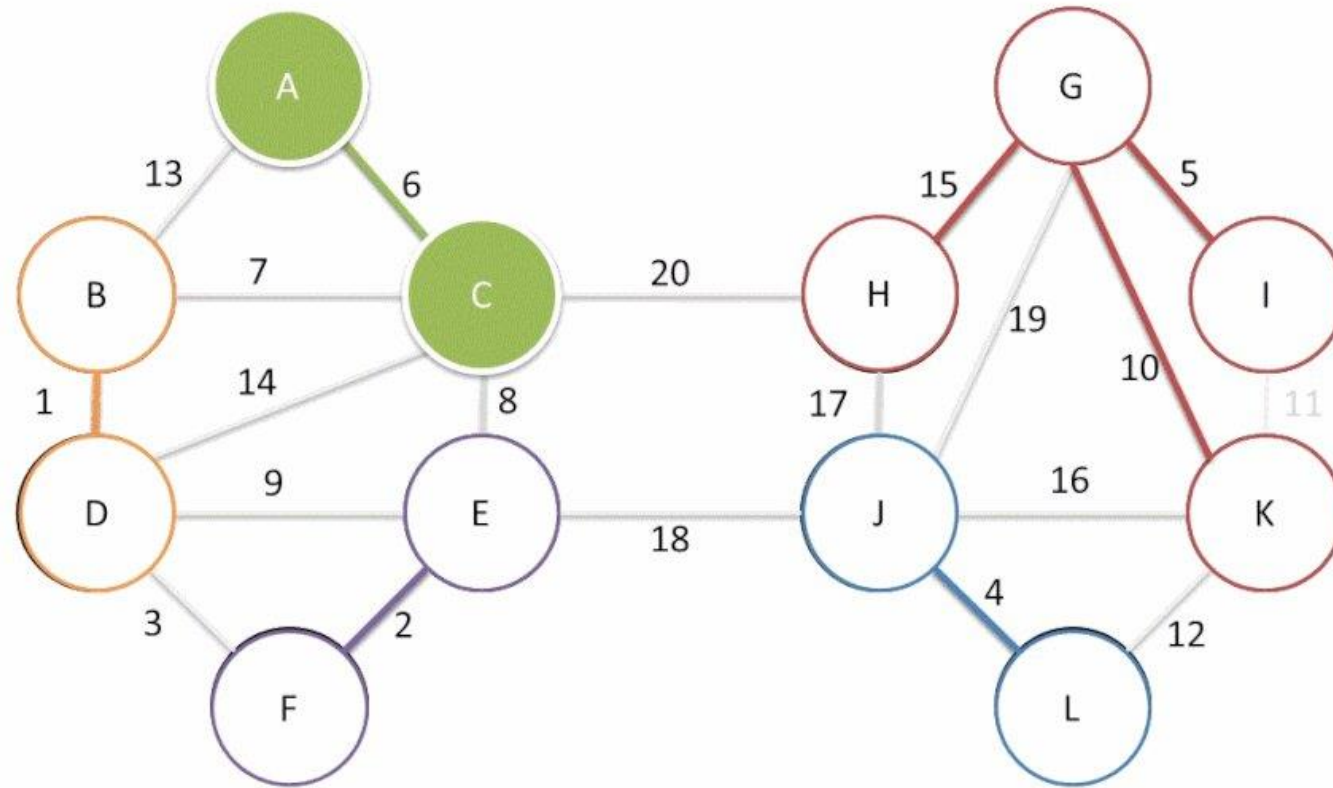
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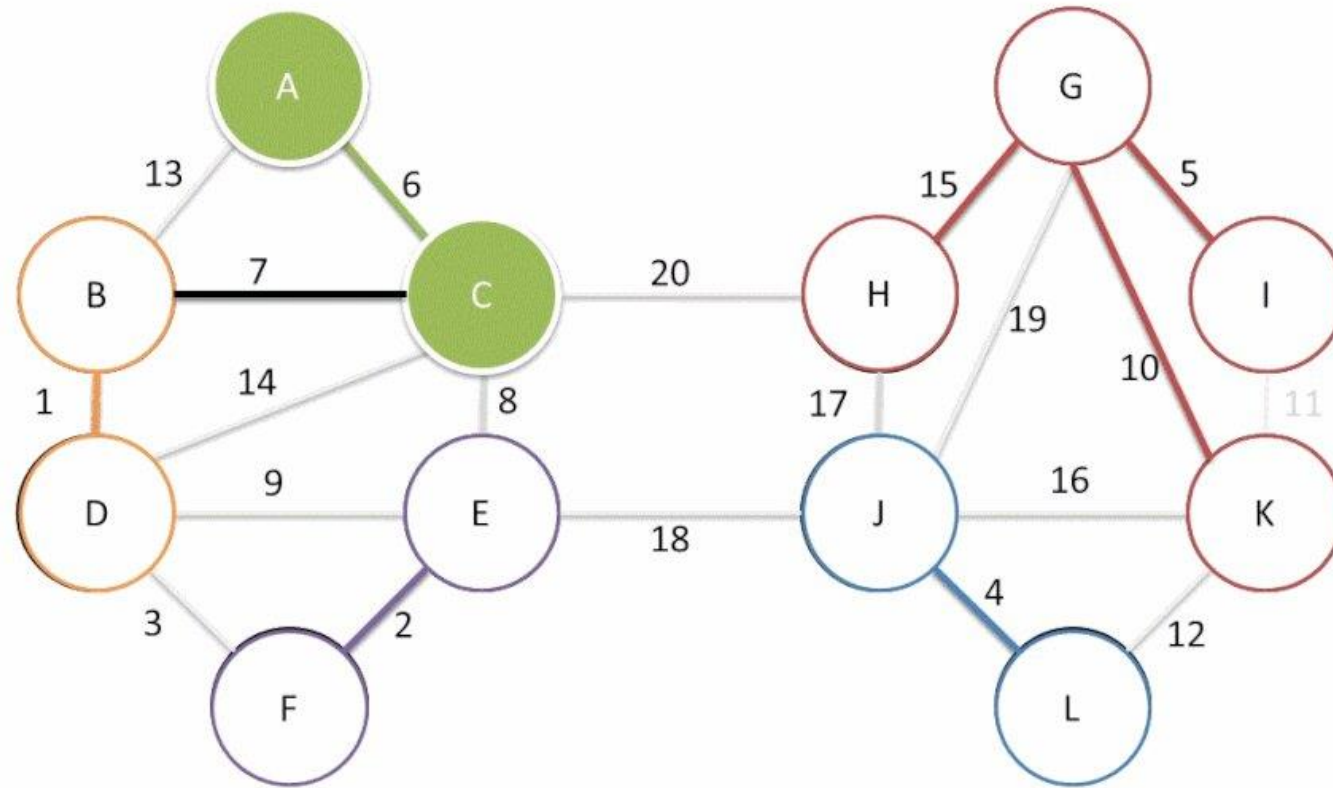


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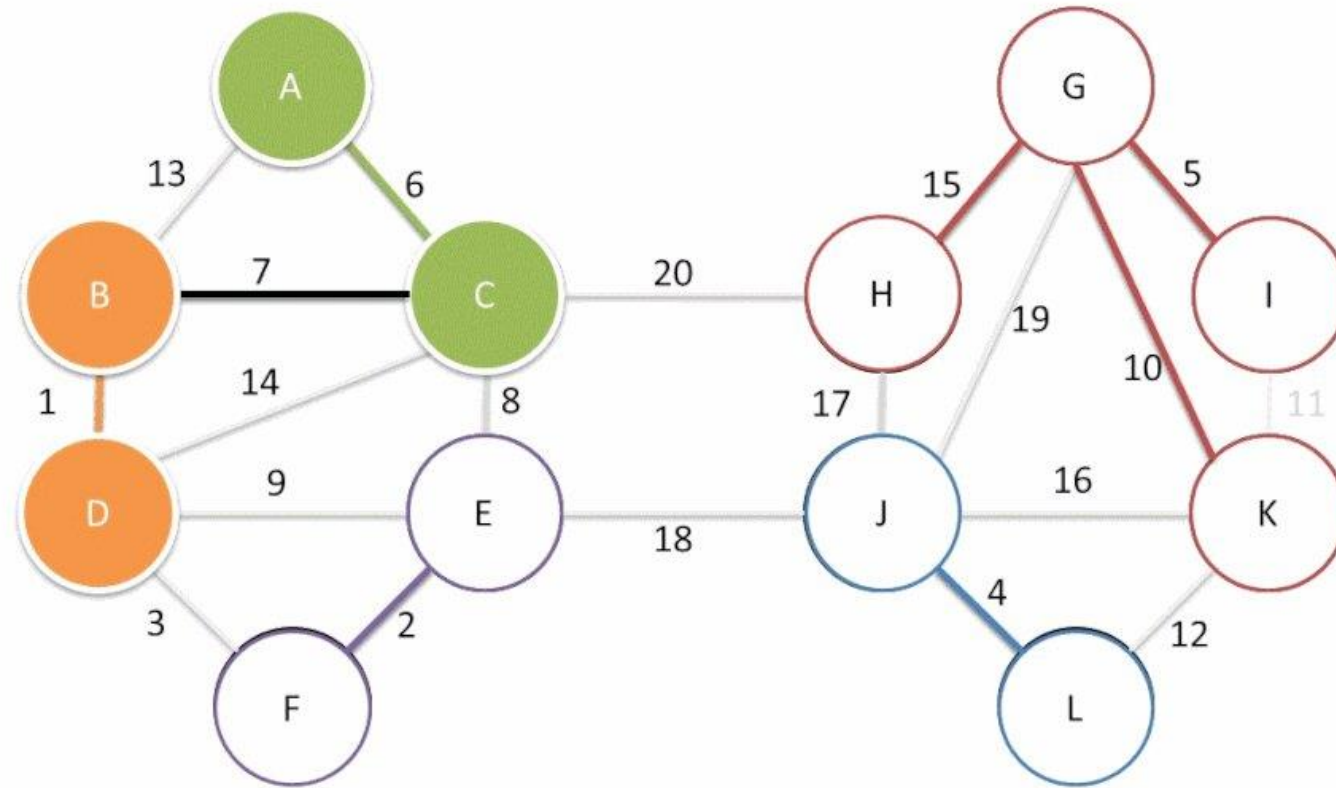


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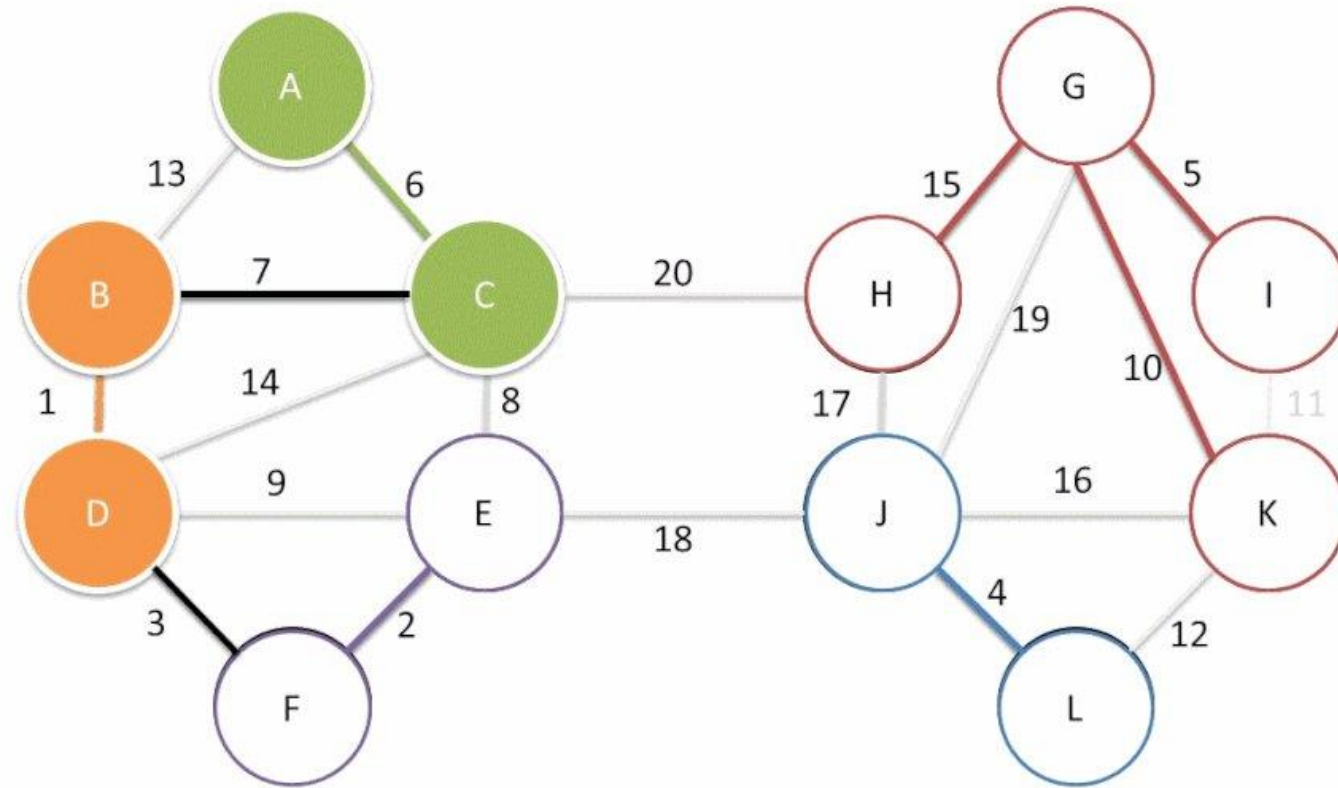


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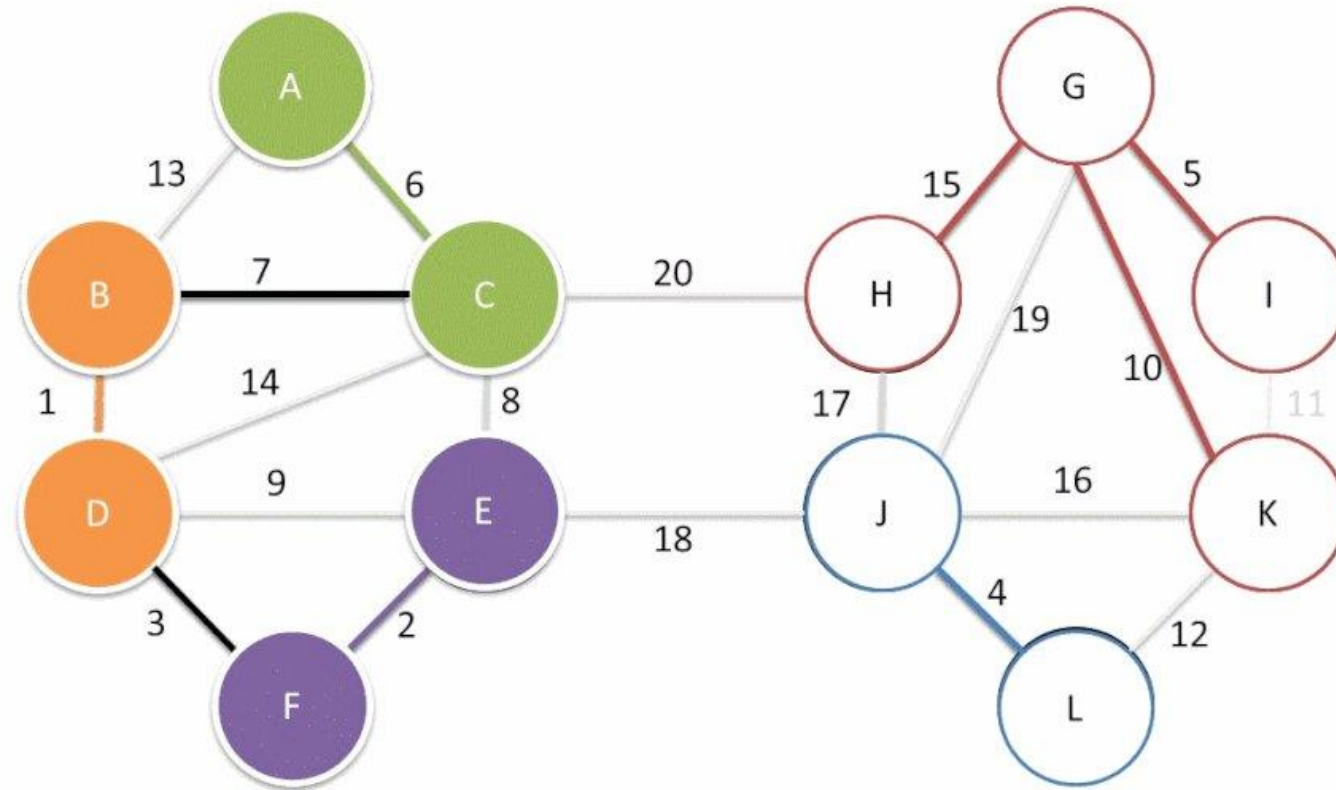


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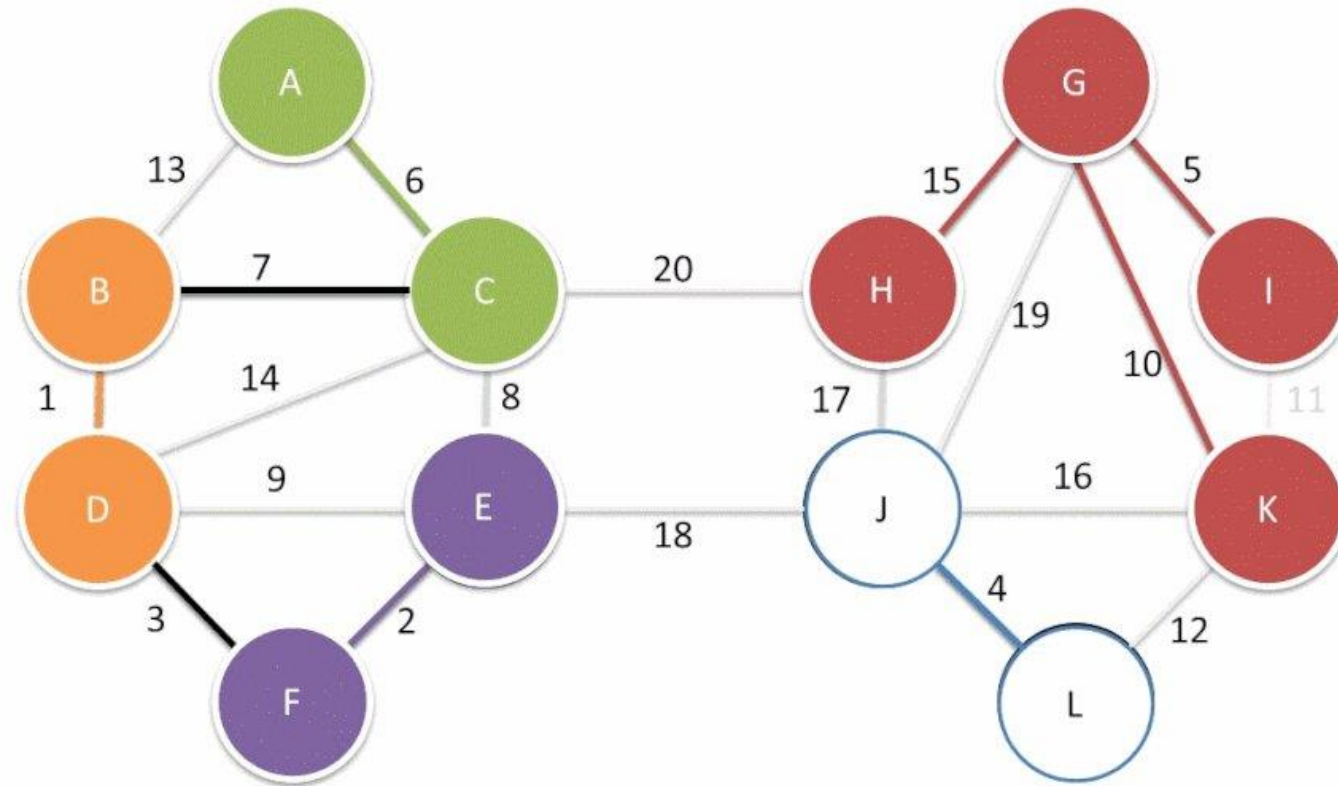


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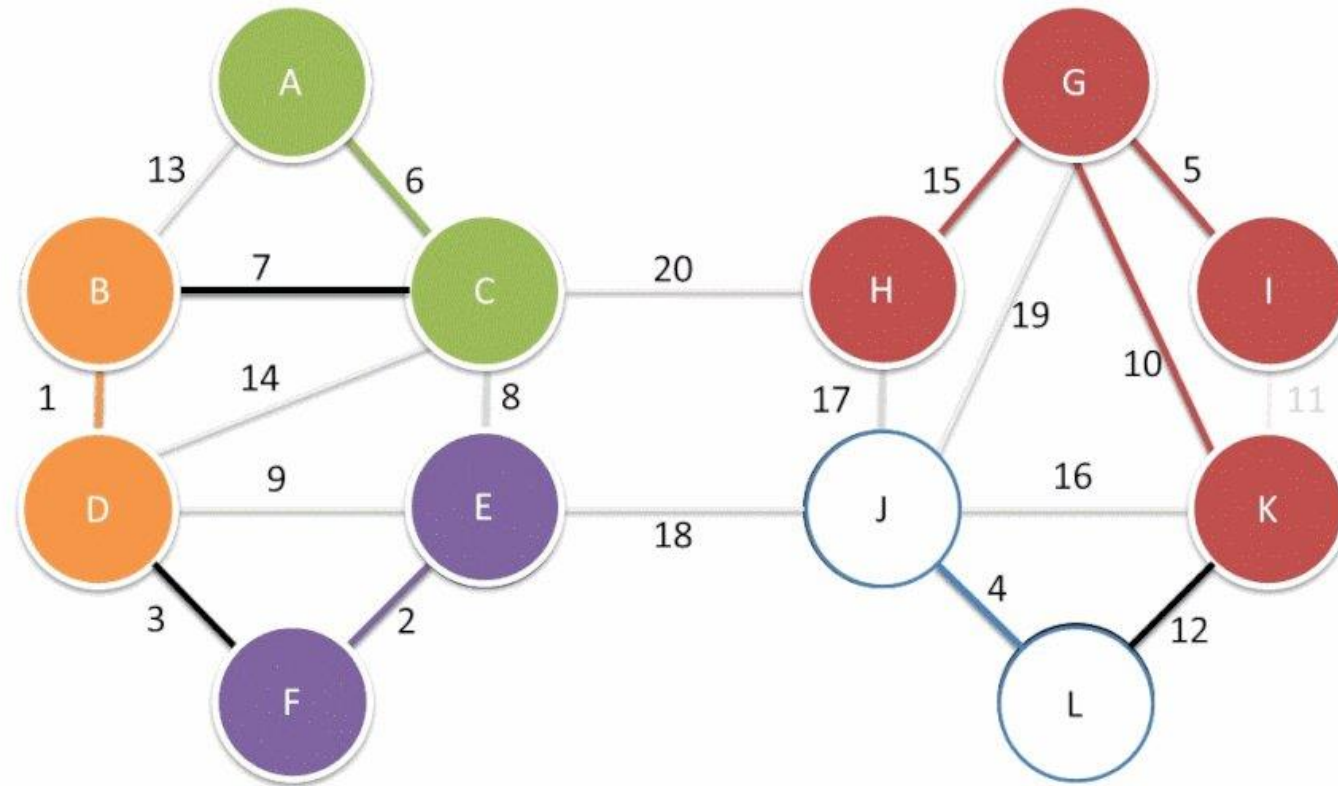


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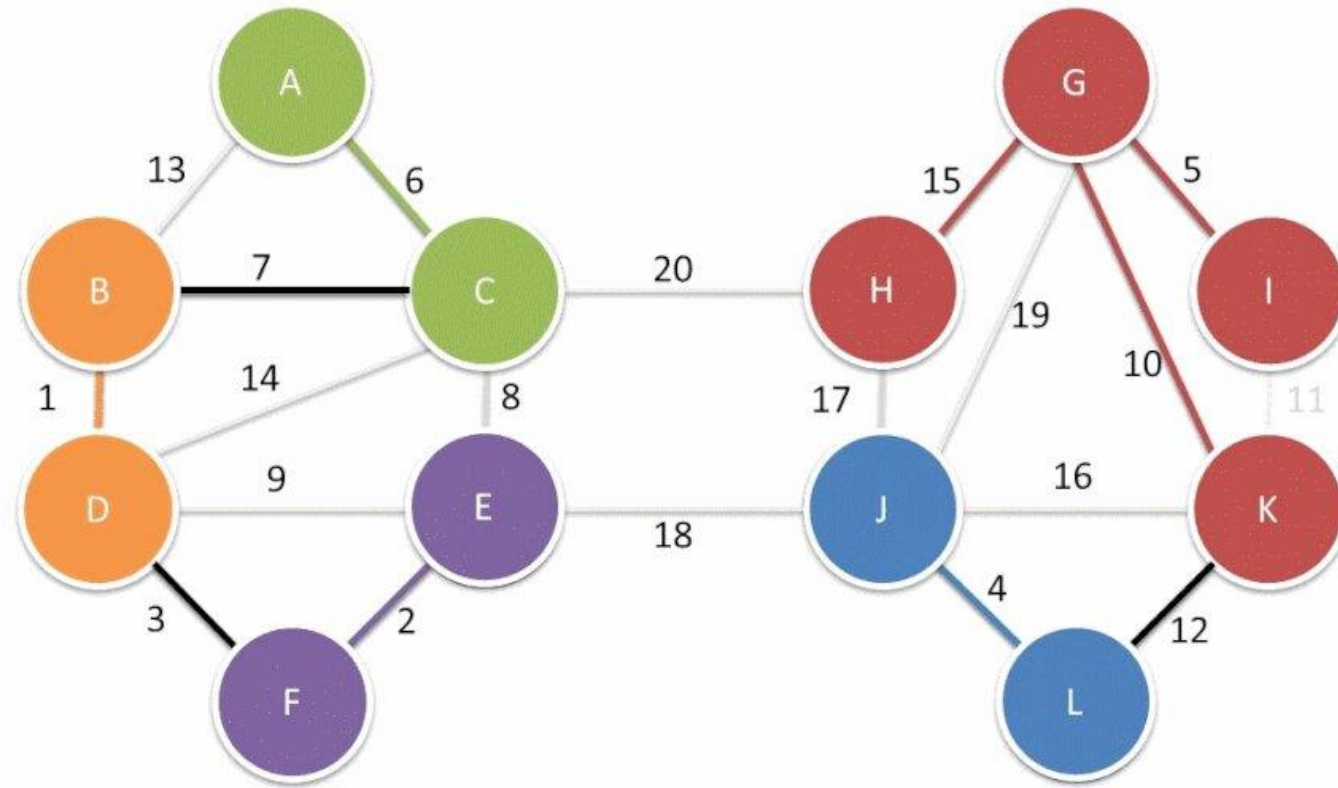


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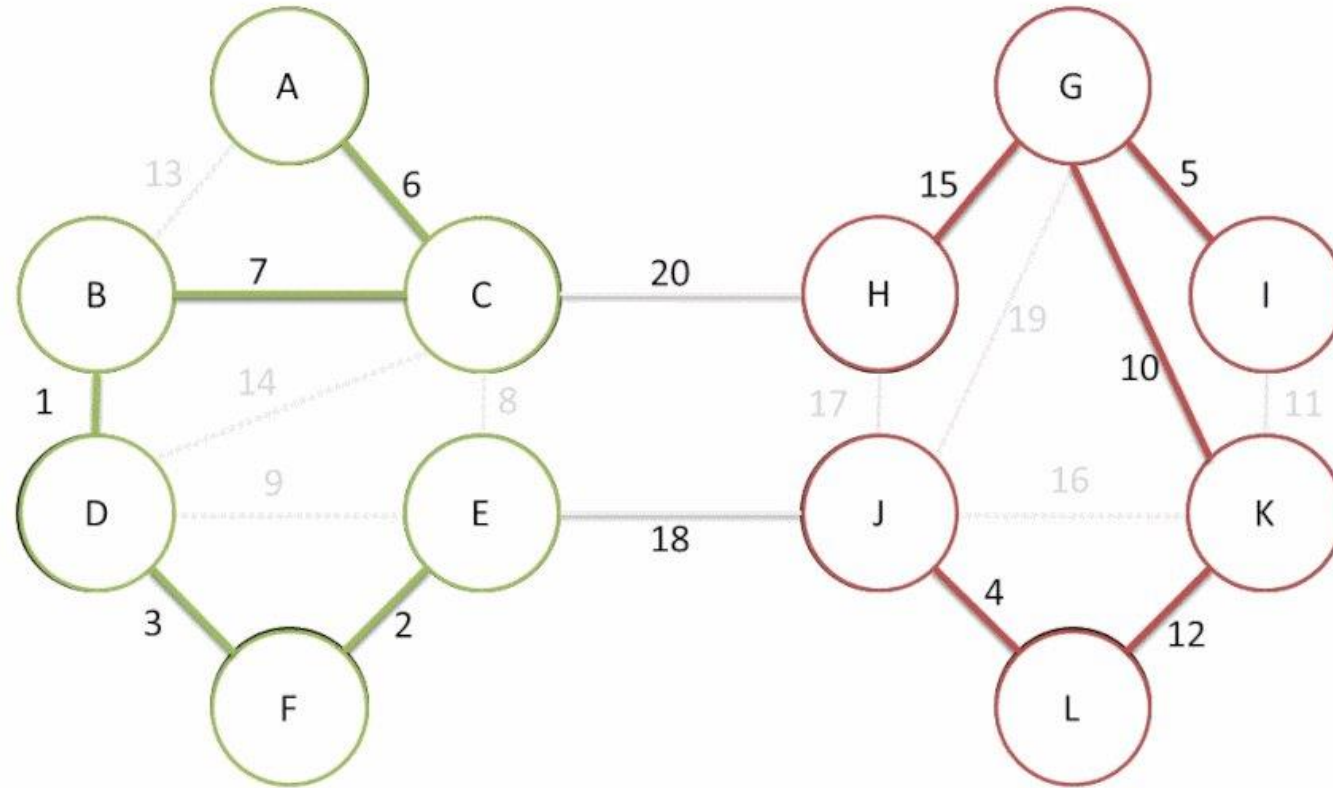


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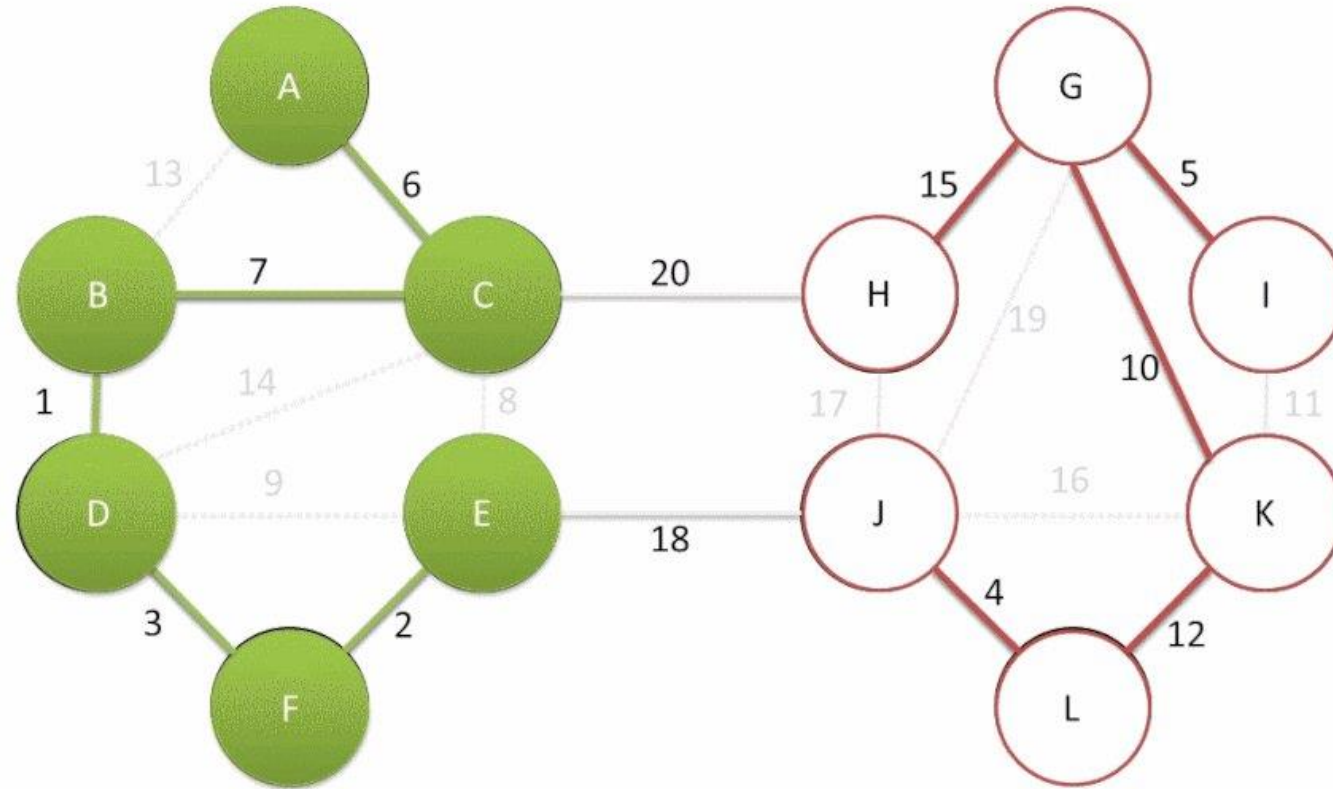


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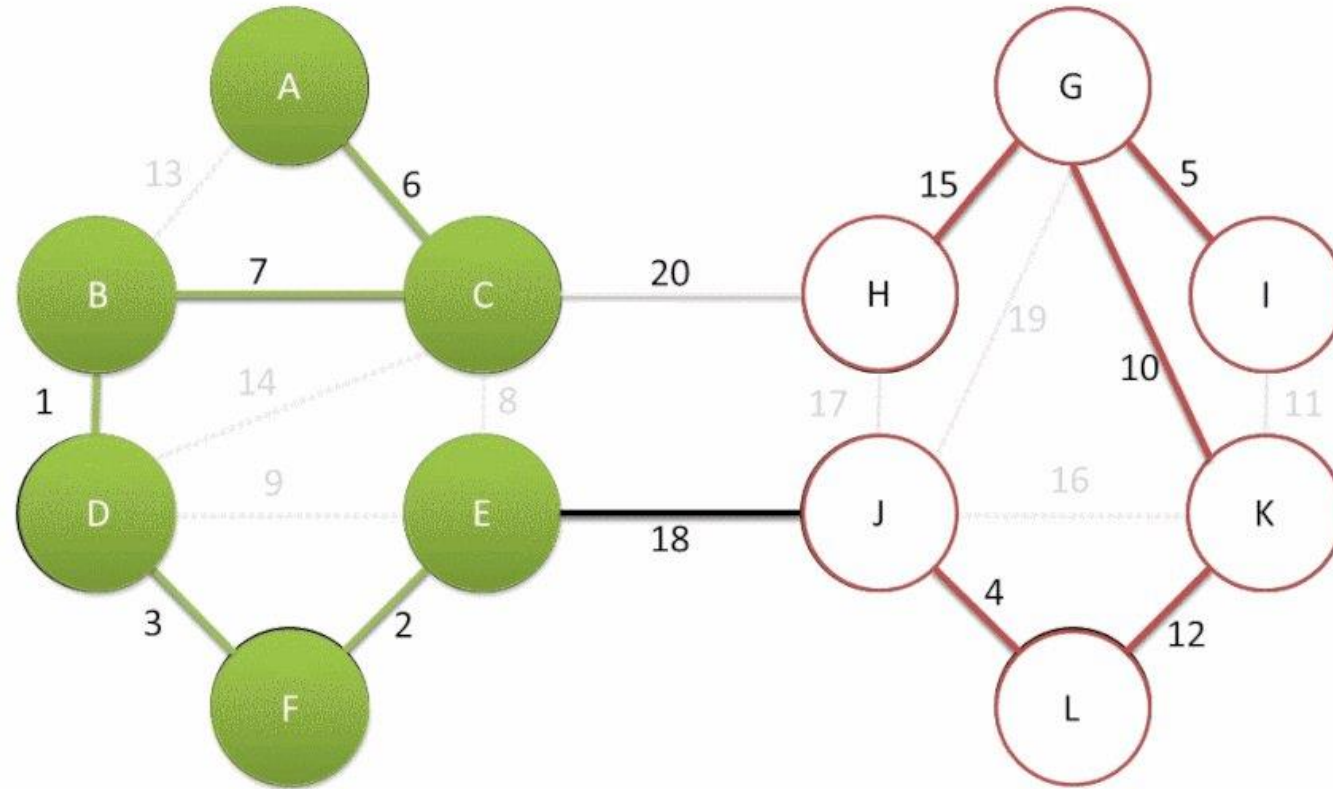


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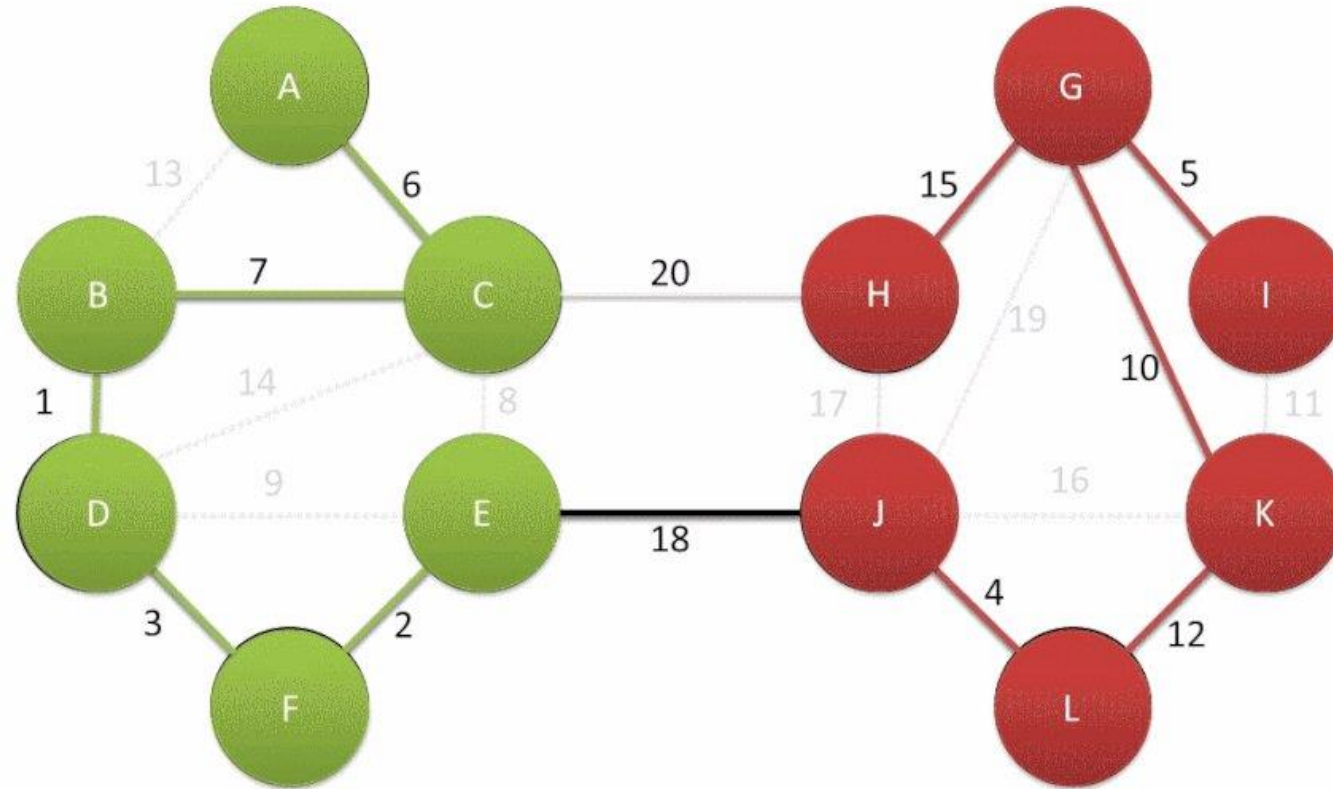


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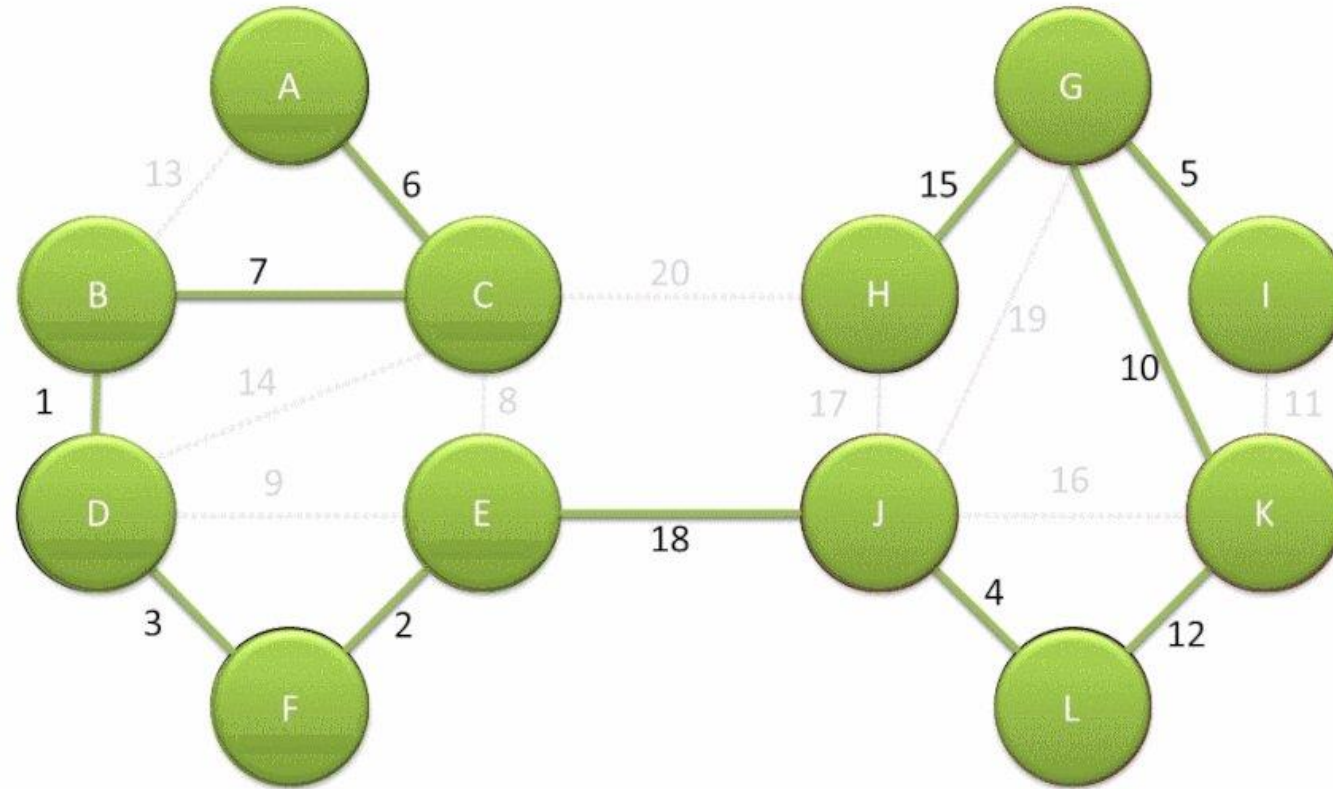


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