Prim’s algorithm

[step]

[analogy]

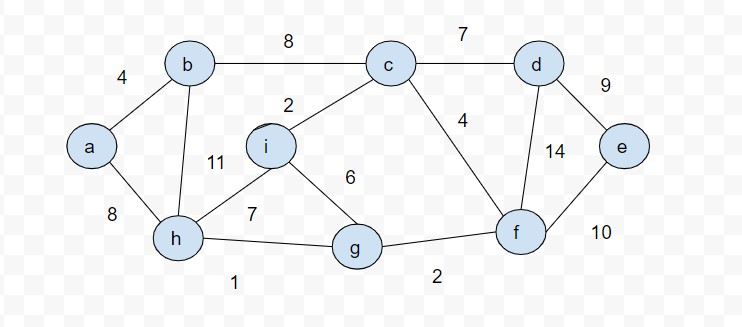
It is like an octopus.

[analysis]

[result]

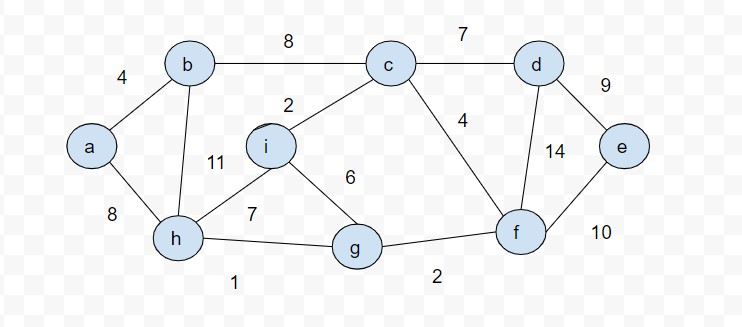
[E.g.]

The original graph G as follows.



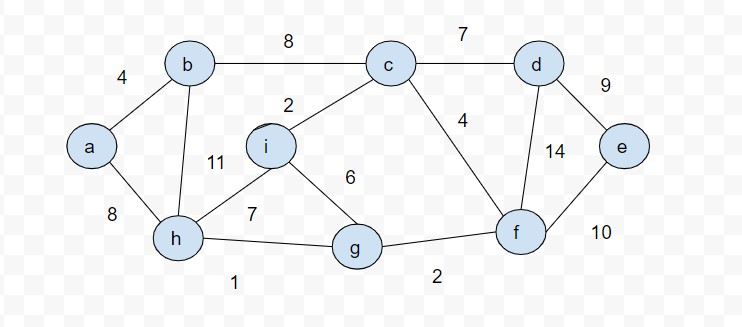
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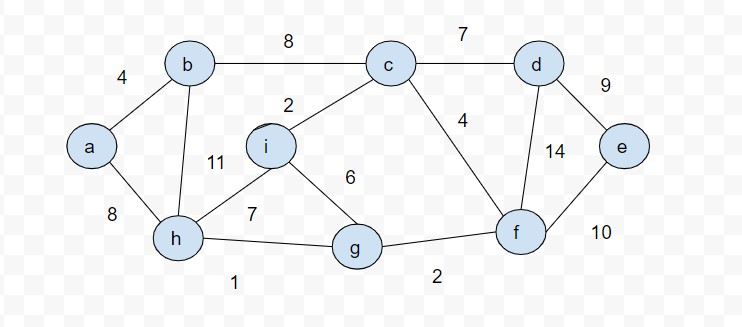


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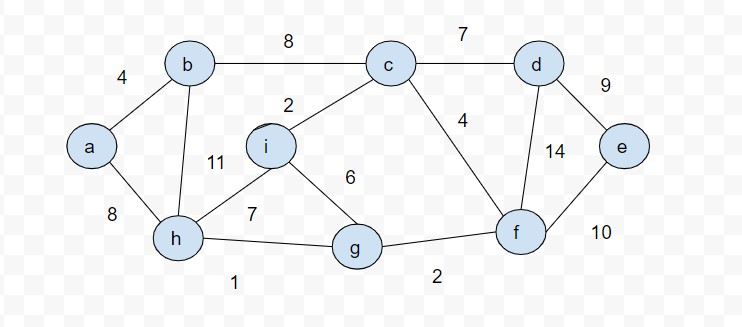


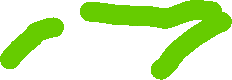
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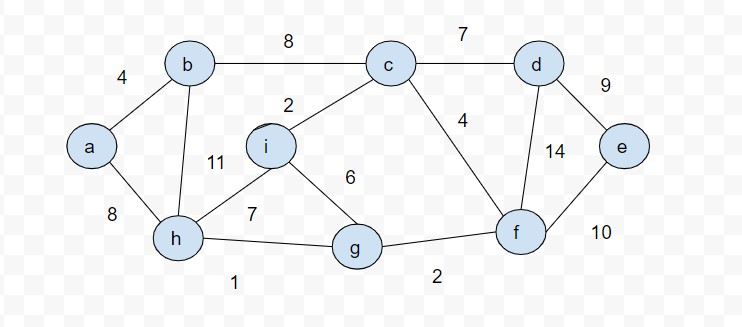


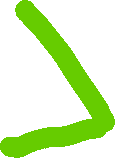
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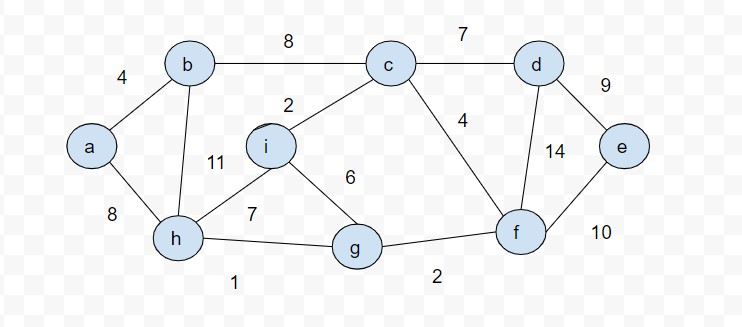


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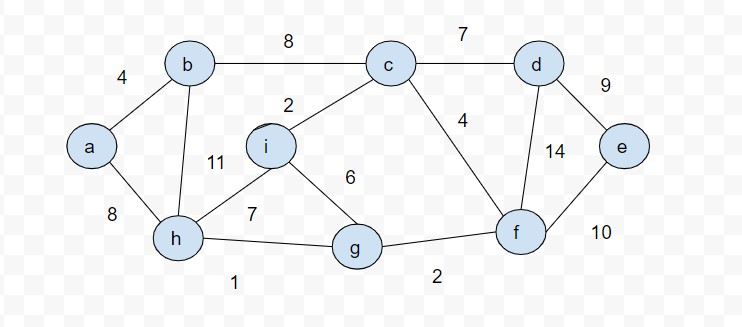


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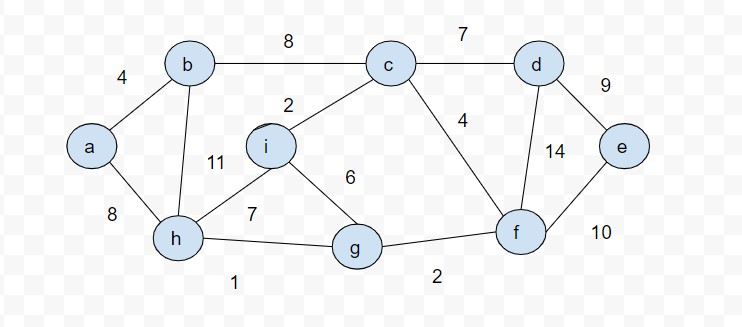


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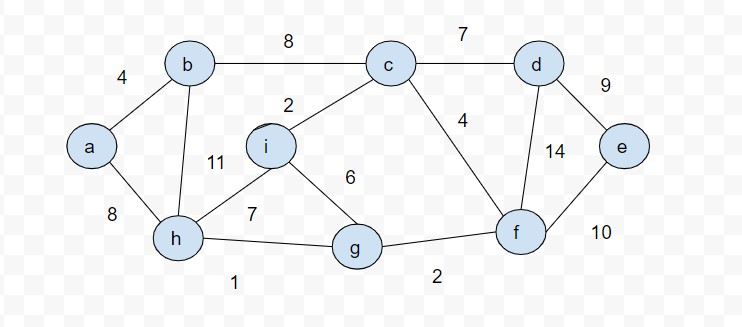


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[pseudo code]

[ref]

[Prim's algorithm - Wikipedia](https://en.wikipedia.org/wiki/Prim%27s_algorithm)