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**Section : 1**

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1. => T(n) = O(n ^ log\_2(7))
2. => Merge m sorted lists: O(n log m)
3. => Huffman algorithm: O(n log n)
4. => MST weight = n - 1 (if all edge weights are 1).
5. => Find pair with minimum absolute sum: O(k log k)
6. =>

* In-degree: O(|V| + |E|)
* Out-dearee: O(|V| + |E|) .