**ADA mini-homework 10** B08902065 Department of CSIE 洪易

1.

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12 + 6 + 4 + 3 + 2 = 27

2.

Aggregate method

n/1 + n/2 + n/3 + … + n/n = n \* (1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6 + … + 1/n)

We can see that <= ln(n). Therefore, each operation takes ln(n) time, and the total time complexity is O(n \* ln(n)).