O(N^2)

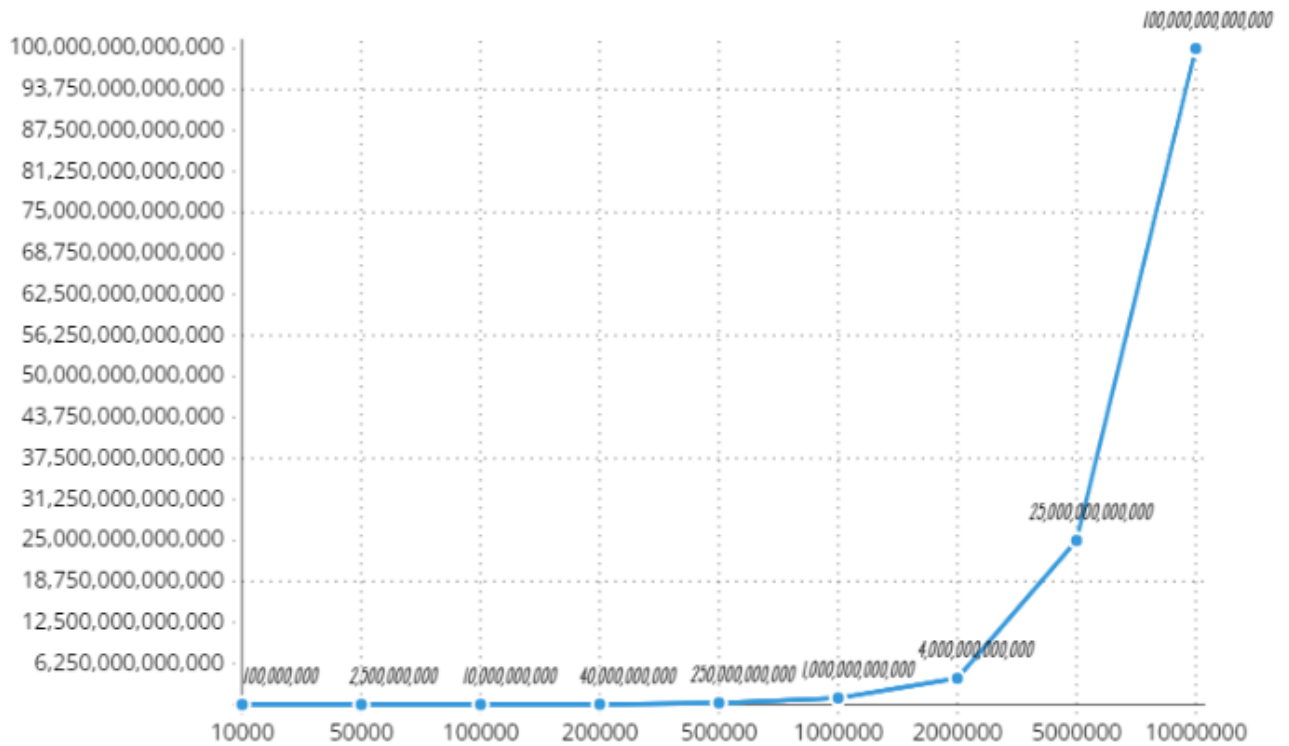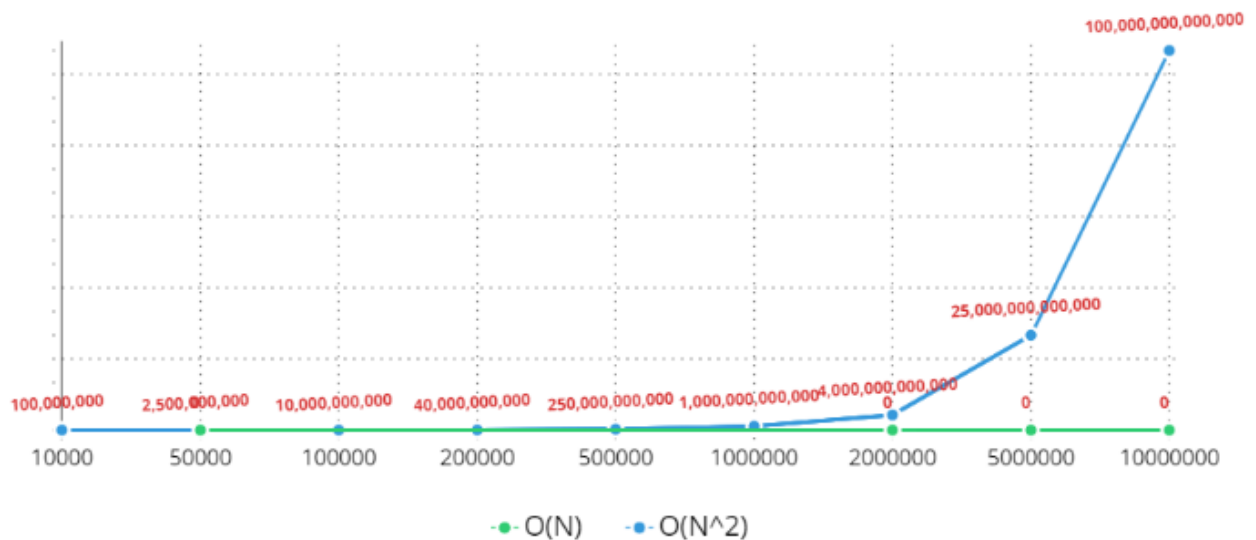|								
100,000,000	2,500,000,000	10,000,000,000	40,000,000,000	250,000,000,000	1,000,000,000,000	4,000,000,000,000	25,000,000,000,000	100,000,000,000,000
10000	50000	100000	200000	500000	1000000	2000000	5000000	10000000

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n vs. Tiempo en segundos

O(N^2) Vs O(N)
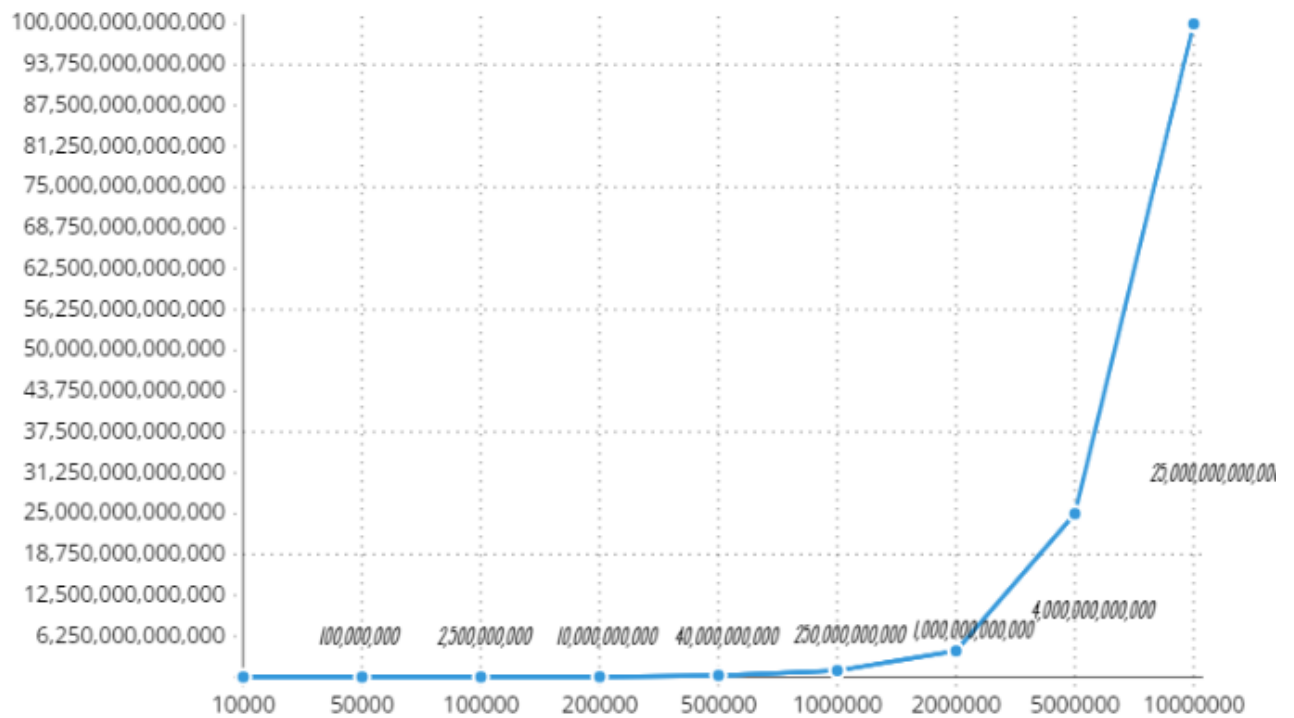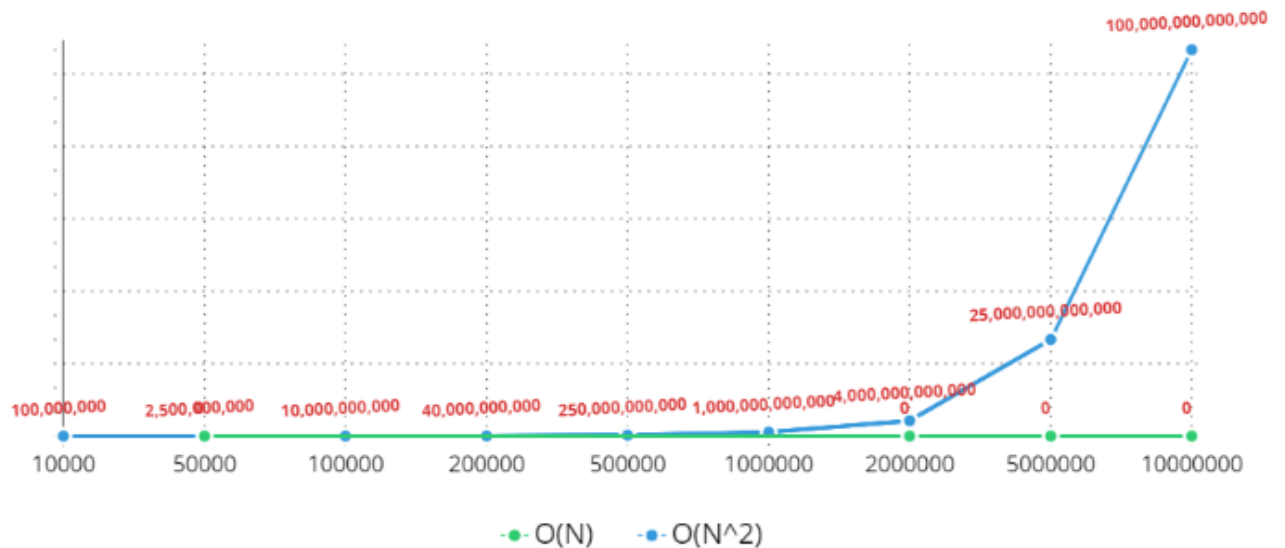

- O(N)   - O(N^2)

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O(N^2)

100,000,000,000,000

93,750,000,000,000

87,500,000,000,000

81,250,000,000,000

75,000,000,000,000

68,750,000,000,000

62,500,000,000,000

56,250,000,000,000

50,000,000,000,000

43,750,000,000,000

37,500,000,000,000

31,250,000,000,000

25,000,000,000,000

18,750,000,000,000

12,500,000,000,000

6,250,000,000,000

25,000,000,000,00

100,000,000   2,500,000,000   10,000,000,000   40,000,000,000   250,000,000,000   1,000,000,000,000   4,000,000,000,000

10000   50000   100000   200000   500000   1000000   2000000   5000000   10000000

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n vs. Tiempo en segundos

O(N^2) Vs O(N)

100,000,000,000,000

25,000,000,000,000

100,000,000   2,500,000,000   10,000,000,000   40,000,000,000   250,000,000,000   1,000,000,000,000   4,000,000,000,000   0   0

10000   50000   100000   200000   500000   1000000   2000000   5000000   10000000

●- O(N)   ●- O(N^2)

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