Performance:

|  |  |  |
| --- | --- | --- |
| x | NlogN | N |
| 10000 | 1584251330489.00 | 1584251330491.00 |
| 30000 | 1584251377074.00 | 1584251377080.00 |
| 150000 | 1584251405559.00 | 1584251405590.00 |
| 200000 | 1584251430171.00 | 1584251430213.00 |
| 300000 | 1584251449705.00 | 1584251449745.00 |
| 400000 | 1584251471134.00 | 1584251471198.00 |
| 500000 | 1584251488043.00 | 1584251488114.00 |
| 600000 | 1584251532275.00 | 1584251532375.00 |
| 700000 | 1584251549325.00 | 1584251549418.00 |
| 1000000 | 1584251565220.00 | 1584251565354.00 |
| 2000000 | 1584251580202.00 | 1584251580440.00 |
| 3000000 | 1584251599323.00 | 1584251599639.00 |

Grey line underneath orange