| Input(n) Operation per second | Which algorithm should be used corresponding to input range |
|-------------------------------|---|
| 10^18                         | O(logn)   |
| 10^8                          | O(N)  |
| 10^4                          | O(N^2)  |
| 10^7                          | O(Nlogn)  |
| 10^2                          | O(N <sup>3</sup> )  |
| 90                            | O(N^4)  |