The result after sort : When n becomes large :

1. 2^{10}
2. 2^{logn}
3. $3n + 100logn$
4. $4n$
5. $nlogn$
6. $4nlogn + 2n$
7. $n^2 + 10n$
8. n^3
9. 2^n

Growth of Functions in Big-O Notation

Growth of Functions in Big-O Notation (n up to 1000)