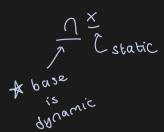
## Polynomial

- O(logn) logarithmic
- O(n) linear
- O(nlogn) linearithmic
- O(n^2) quadratic
- $O(n^3)$  cubic



## **Exponential**

- O(2^n) exponential
- O(n!) factorial
- O(n^n) exponential

ean also exponent be dynamic is dynamic