

Common CP mistake

- ★ • be mindful of what you initialize your variable with.

eg: don't assign signed int to unsigned variable

- ★ .size() returns long unsigned.
- for future me: avoid flushing a lot.
- avoid using float and long long until and unless it is necessary.

↳ precision error //

- Always take all input first and then do computation to avoid missing any input.
- ★. Precedency error: Some operation will work before some other operation.
↳ better to use parantheses everywhere

- Be aware of function (inbuilt) data types it is working with.

Constraints

* most site code needs to be inside $O(10^8)$ ~ less

eg: if your code is $O(n^2)$
and $n \leq 10$ the $O(10^2)$
will work

$$n = 10^{10} \Rightarrow O(10^{20}) \times$$

rough TC idea

Constraint (n)	approach time complexity
10^{18}	$O(\log n)$
10^8	$O(n)$
10^4	$O(n^2)$
10^6	$O(n \log n)$

- int range = $(-10^9, 10^9)$
- long long int range = $(-10^{18}, 10^{18})$