**Constraints format**

1. **For problems with no recursive solution as the best solution**.

Maximum operations in 1 sec will be around 10^5 as python is slow in I/O.

Best constraints format will be

1. For O(N^2) as best solution
   1. 1 <= T <= 10

1 <= N <= 100

1. For O(N\*logN) as best solution
   1. 1 <= T <= 10

1 <= N <= 1000

1. For O(N) as best solution
2. 1 <= T <= 100

1 <= N <= 1000

1. **For problems with the recursive solution as the best solution (problems with Binary tree, BST etc.)**

As there is a recursion stack limit in JAVA, ‘N’ must not be more than 3000.

Best constraints format will be

For O(N) as best solution

1 <= T <= 100

1 <= N <= 1000

1. **Overflow conditions in data types should be checked. For example, if you are operating on INT data type, make sure the answer will not overflow ( > 2 \* 10^9) in any case. For this, I used to take 10^9 as my max limit.**

*Our constraints should revolve around this format mentioned above. There might be some other constraints for some special problems. Those can be discussed with the problem reviewers.*

There are some files for test cases generation which I used for generating BT and BSTs. You can use these if you want.

<https://drive.google.com/drive/folders/1aHt-hVOy5Xm4Y6zc9dPrFng9apqnX-mq?usp=sharing>