## RECURSION STRATEGY:

- 1. Input is getting fixed at each level of tree.
- 2. Partitions are tried as option at each level.

## Note:

- 1. While fixing a given\_input we should treat all the empty partitions as same partition to avoid the permutation generation. So we should not spawn new branch for each empty partition rather just spawn single branch against first empty partition.
- 2. If we wish to generate the permutations then we should spawn separate branch for each empty space.

