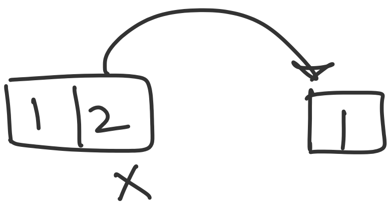


② PS (arr , 1, tempArr) ; ✓

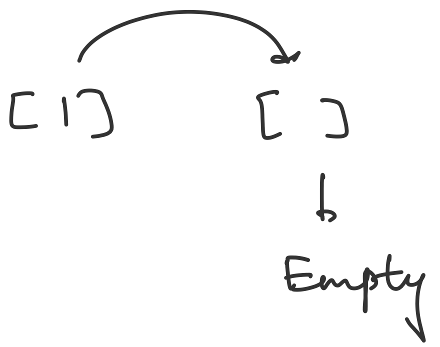
tempArr. add (1) ✓

③ PS (arr, 1, tempArr); ✓

Remove last value from tempArr.

↓

Remove last value



Q Print all permutations of the given string

↓

Rearrangement of values

Eg-

string = " xy "

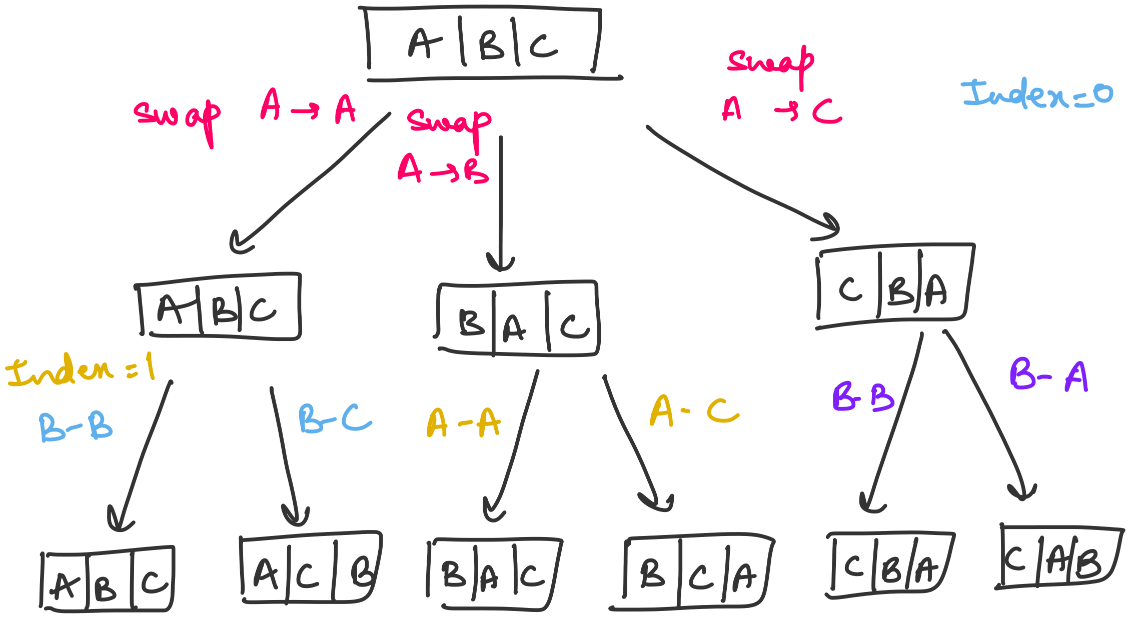
Permutations = {"XY", "YX"}

Another eg -

str = "ABC"

Permutations = {"ABC", "ACB", "BAC", "BCA", "CAB", "CBA"}

For string = "ABC"



Steps -

1. Create a f^n permute with parameters -

str - input string

l - starting index

r - ending index.

2. Call the permute f^n with values -

str = value of your string

l = 0

r = str. length - 1

3. If values of L and R are equal then print the string.

4. Run a loop from L to R and swap the current element of the string with inputstring [L].

5. call the same permute f^n by incrementing the value of L by 1.

6. After this again swap the previously swapped values to initiate backtracking.