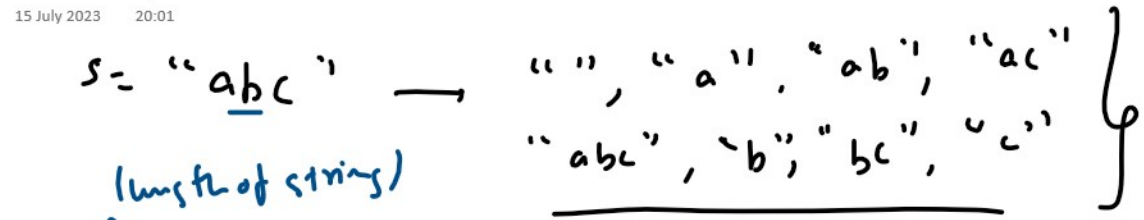
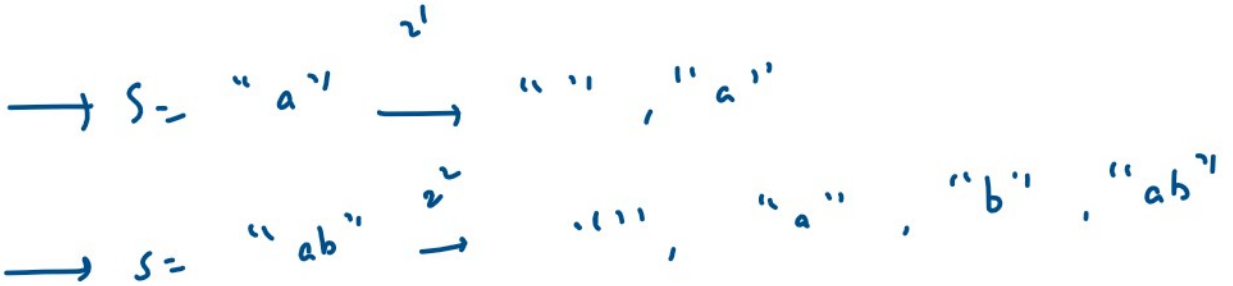
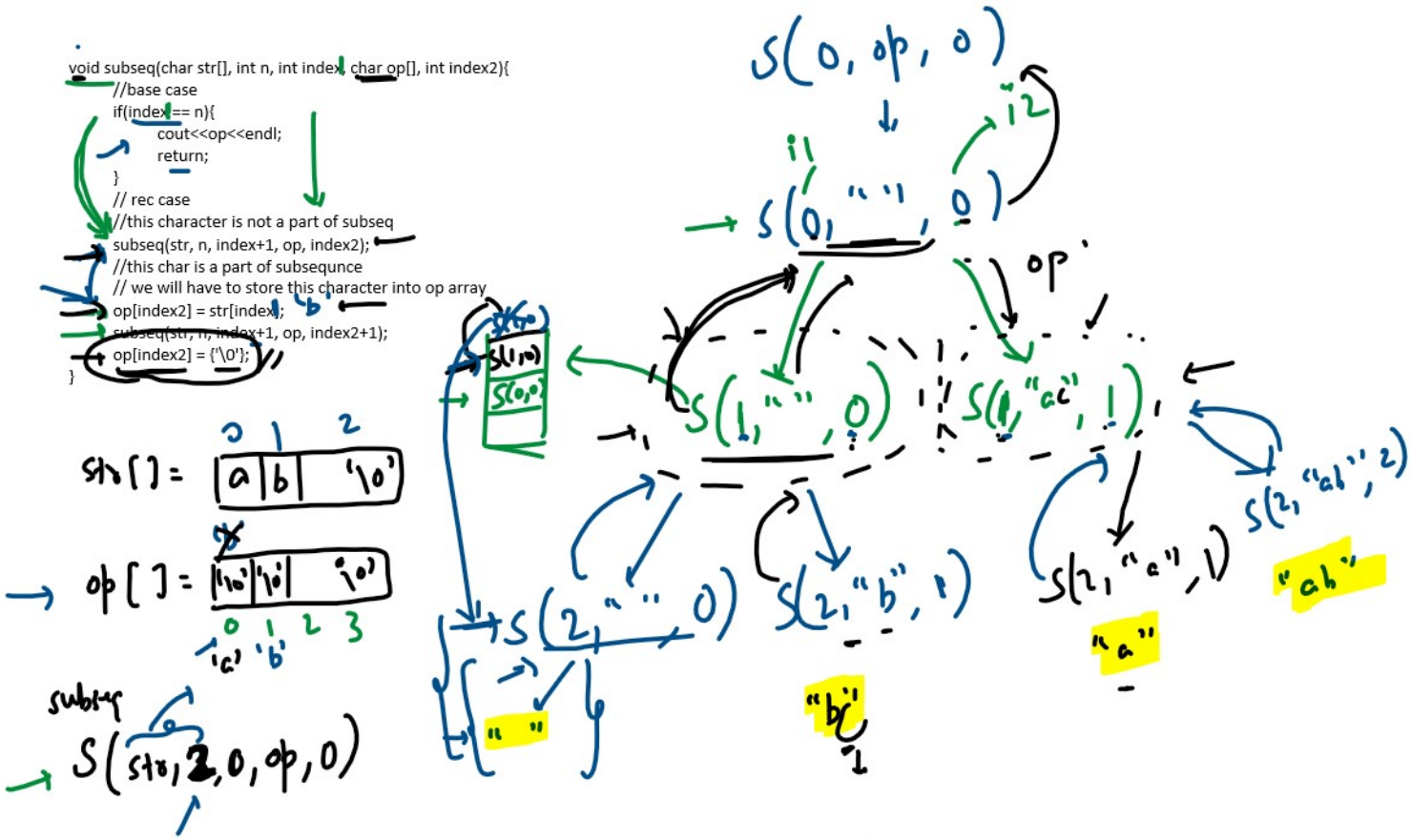
All subsequences

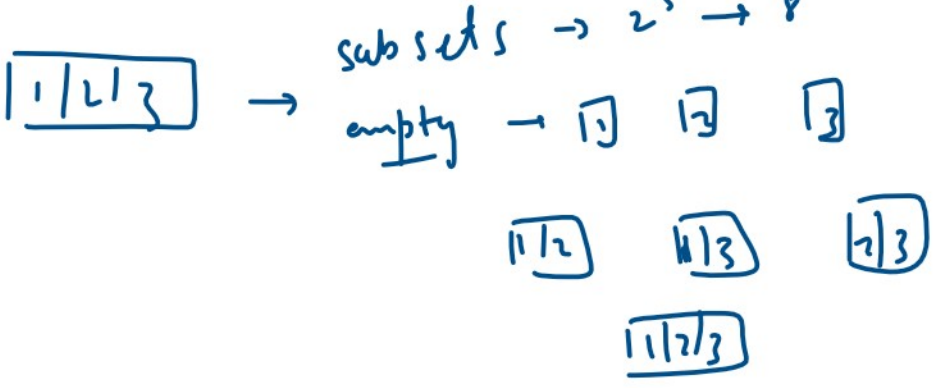
15 July 2023 20:01






```
void subseq(char str[], int n, int index, char op[], int index2){
    //base case
    if(index == n){
        cout<<op<<endl;
        return;
    }
    // rec case
    //this character is not a part of subseq
    subseq(str, n, index+1, op, index2);
    //this char is a part of subsequnce
    // we will have to store this character into op array
    op[index2] = str[index];
    subseq(str, n, index+1, op, index2+1);
    op[index2] = {'\0'};
}
```





s = "abc"