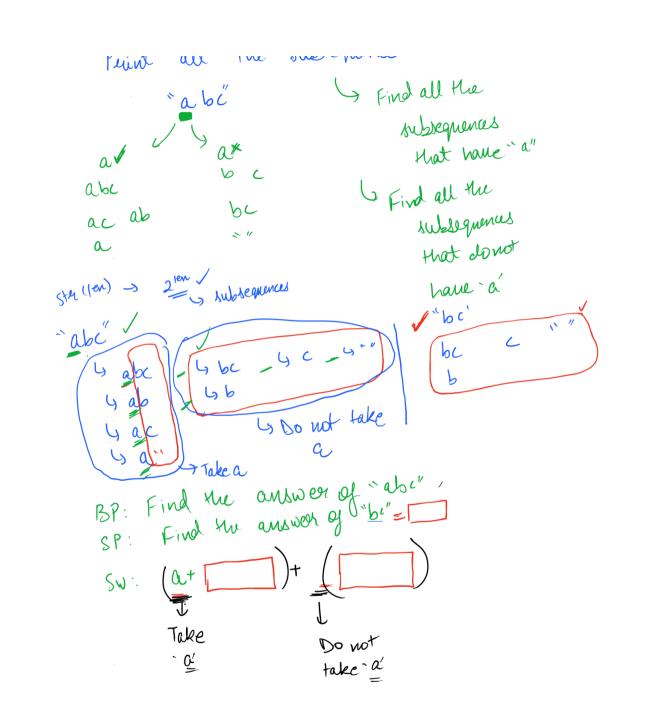
Recursion on Strings

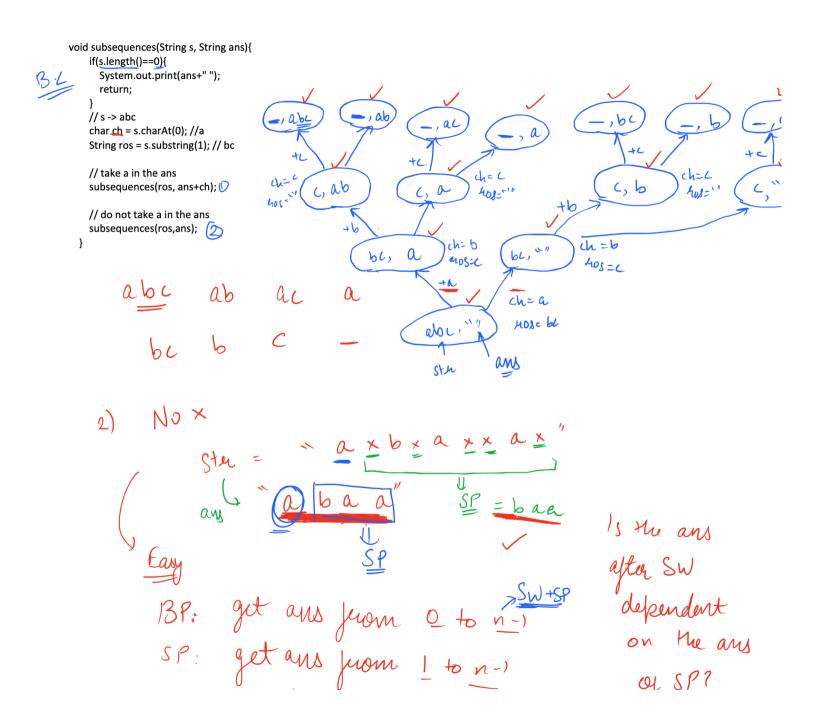
(> Integers -> Number changed

(> Arrays -> Index changes

(> Strings -> Index changes

1) Puint all subsequences of a steing star="abc" Subsequence substing Am youtiquous & will not spip any character in between. Si, ei an be different. Order needs but the to be maintained abc abc acv cbx calox subseasiences. Min D





Sw: Add ch byfore SP > if not x

13c: | Walid index

emoveX(String s, int idx){

xx=s.length()){
eturn "";

Ax bx,5

```
String removeX(String s, int idx){

if(idx==s.length()){
	return "";
}

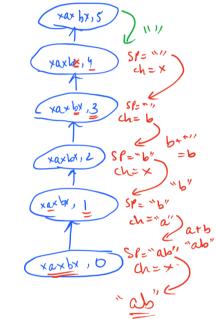
// SP

String SP = removeX(s, idx+1);

// SW

char ch = s.charAt(idx);

if(ch=='x'){
	return SP;
}else{
	return ch+SP;
}
```



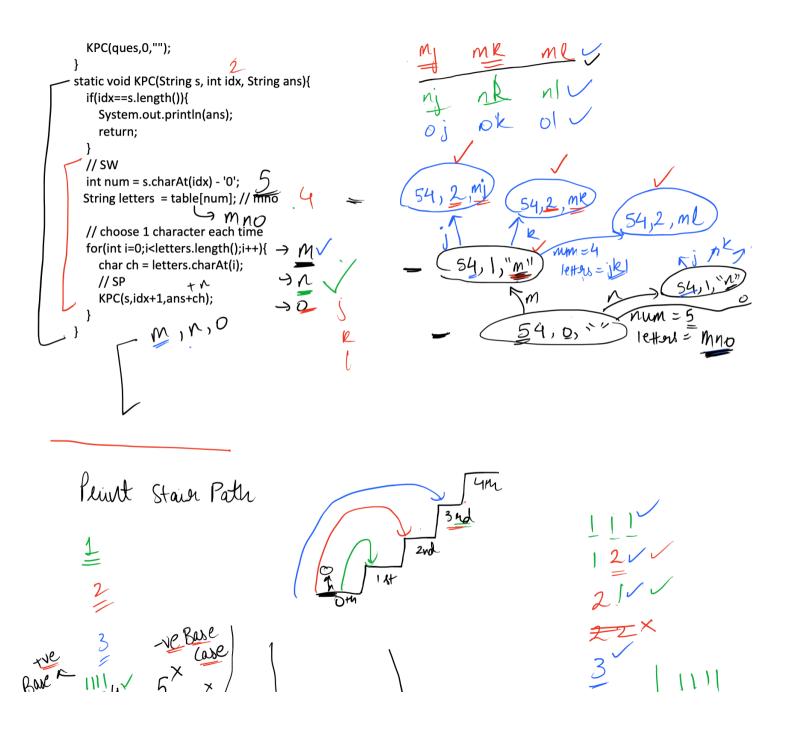
Keypad Combination

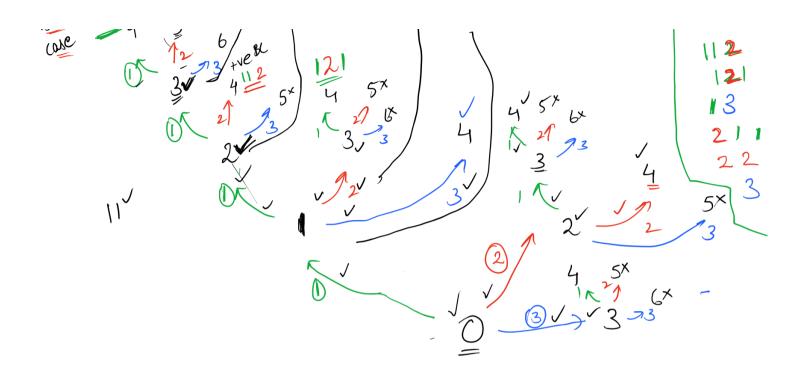


NOKIA 1100

0 -> .; 1 -> abc 2 -> def 3 -> ghi 4 -> jkl 5 -> mno 6 -> pqrs

/ -> <u>tu</u> 8 -> vwx 9 -> yz BP = Find the am of 54 SP = Find the am of 4 SW = Unoase any one 5 includeo





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