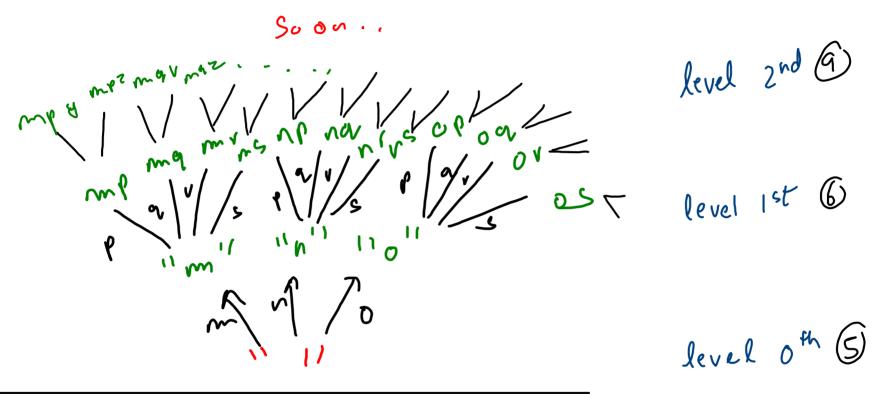
Removior on the Way Up

aus) Print Subsequence (item or leve)



```
public static void printKPC(int idx,String input, String output) {
    if(idx == input.length()) {
        System.out.println(output);
        return;
    }
    for(Character ch:keys[input.charAt(idx) - '0'].toCharArray()) {
        printKPC(idx + 1,input, output + ch);
    }
}
```

ce abed"

Permutations;

** (Box or level)

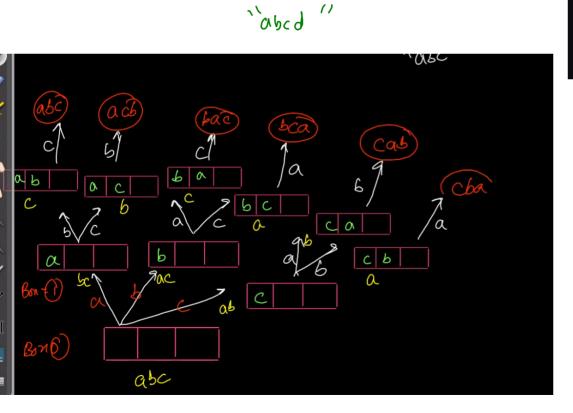
Print Permutations (Abit dyf ques than rest as hur un donot have yes/no choice rather we need to choose which character will be picked at any level)

Su, ni permutation for n length string

"cald" "dasc " ascd" "back" "dacs" "cadb" "bado" "abde" "chad" "05ac" bcade "acbor "C bda" 1 db Can "loc do_ "acdb" 4cdab? "de as ~ "bdac" "adsc" "cdba-"dCba/ ubd ca" "adcb"

Box on Level We will get permutations on the last level. · . pr g 1 d d w 1/ 11

11



```
public static void printPermutations(String str, String asf)
   if(str.length() == 0) {
       System.out.println(asf);
   for(int i=0;i<str.length();i++) {</pre>
       String newInput = str.substring(0,i) + str.substring(i+1);
       printPermutations(newInput,asf + str.charAt(i));
```