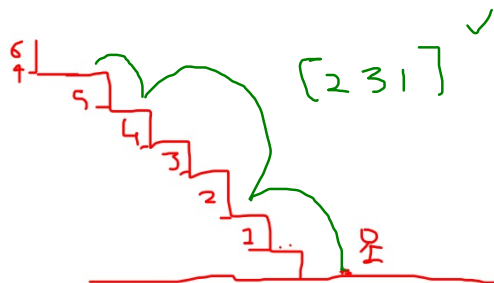
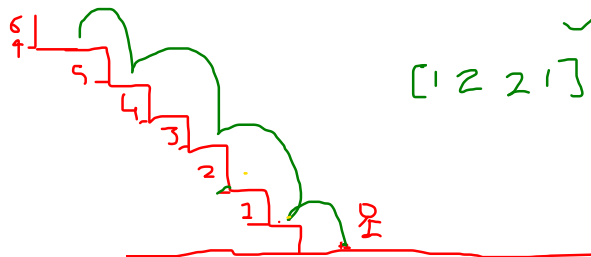
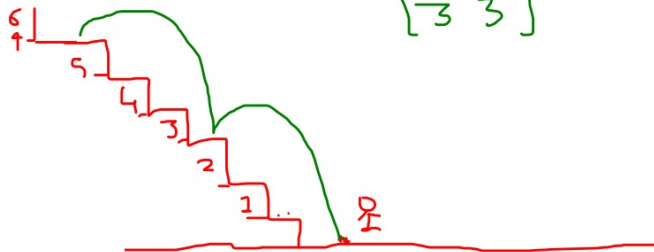


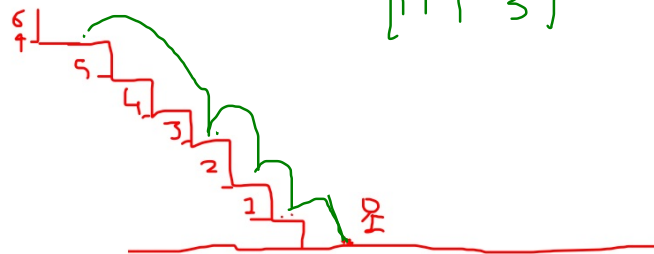
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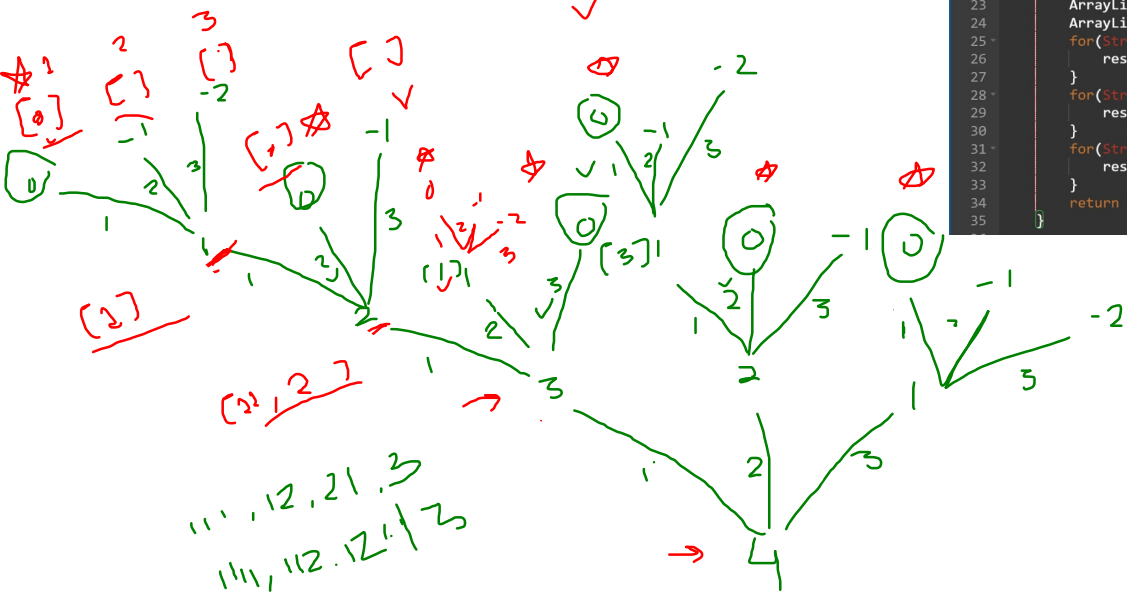


[3 3]



[1 1 1 3]

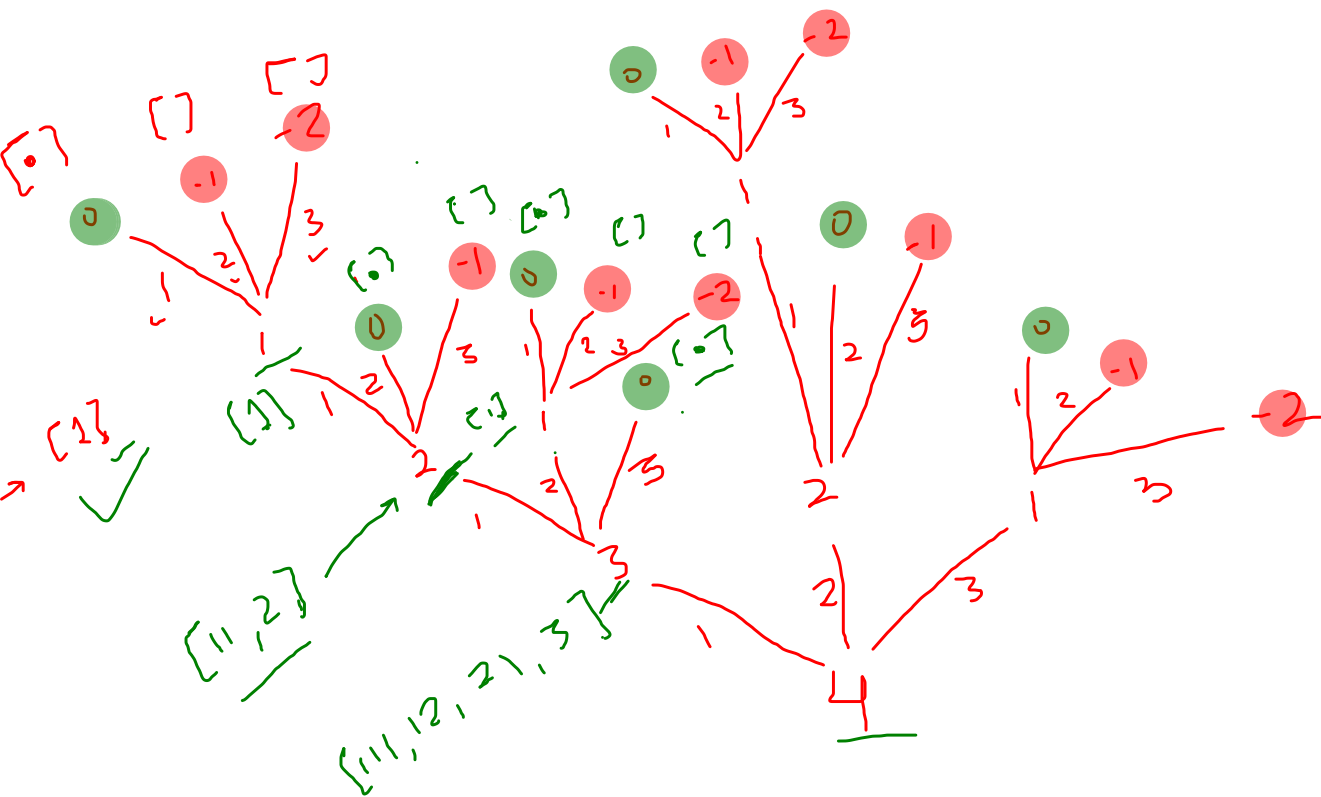


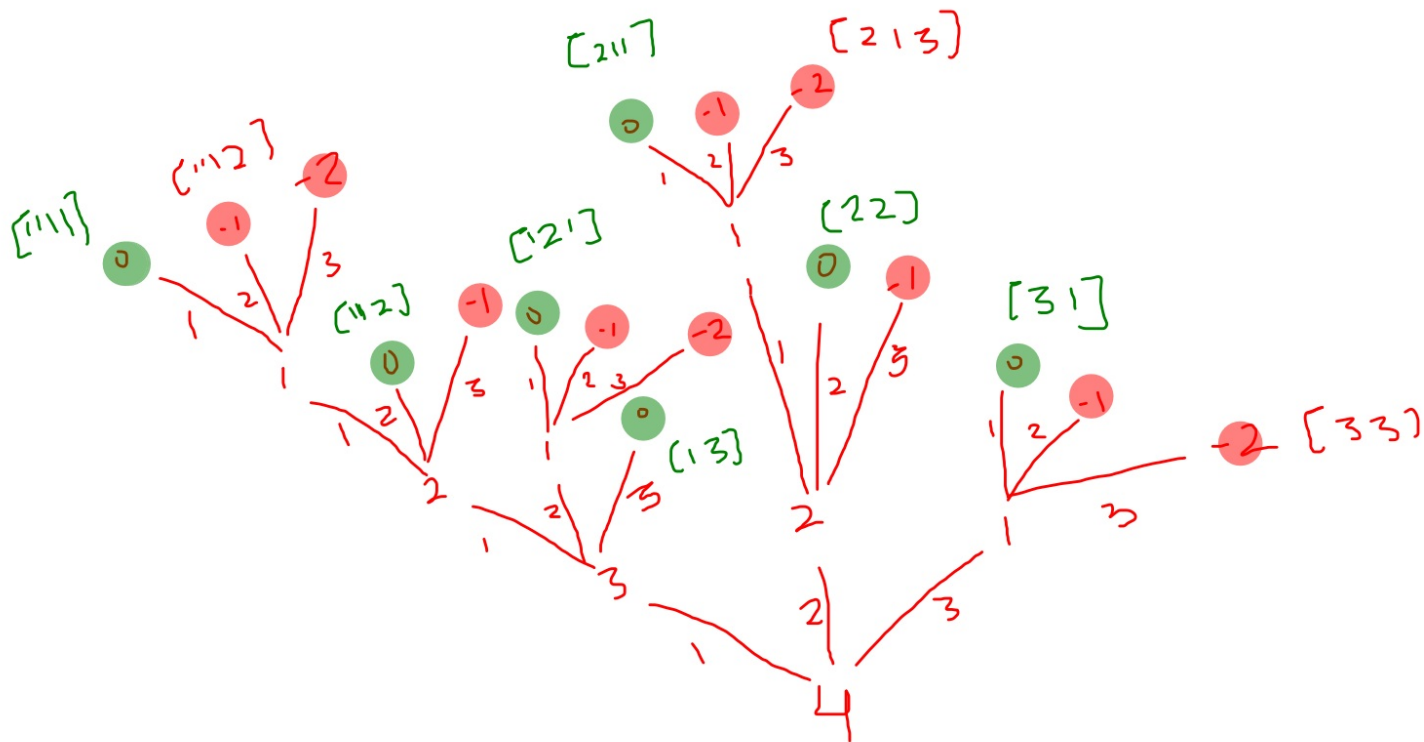


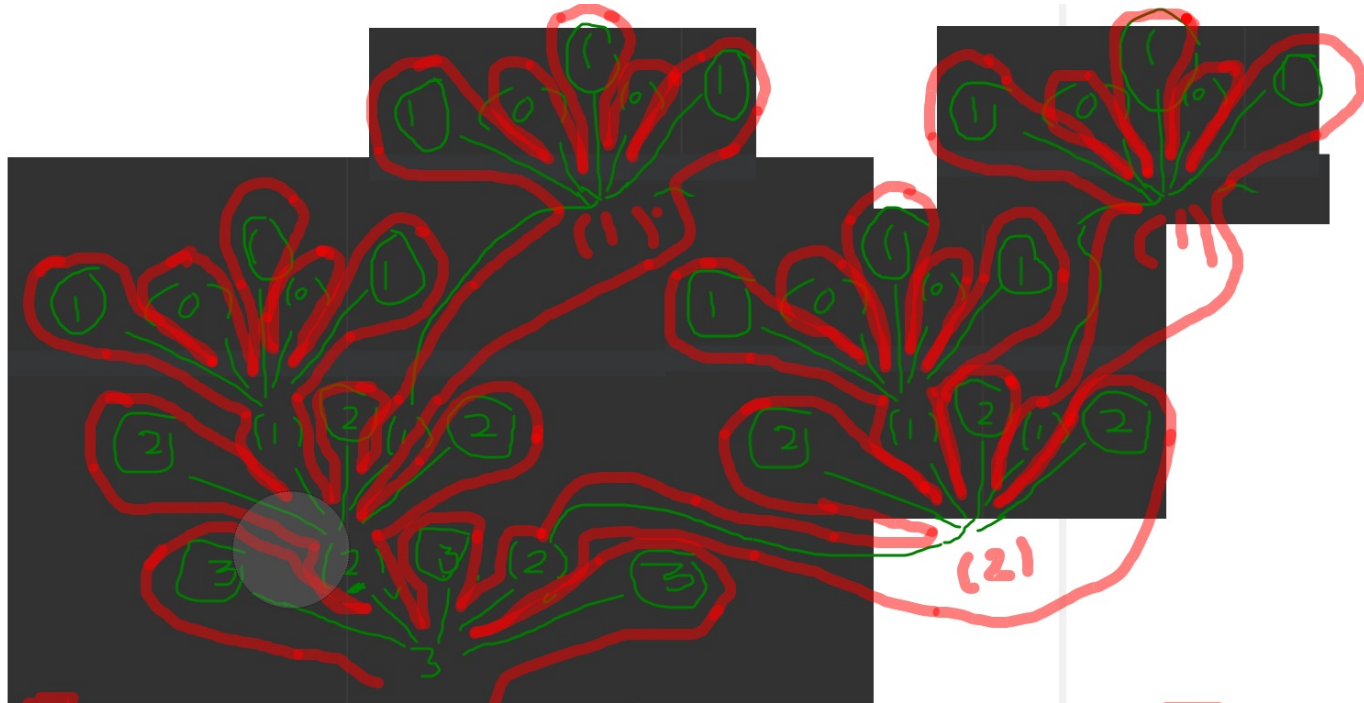
```

12 public static ArrayList<String> getStairPaths(int n) {
13     if(n < 0){
14         ArrayList<String> bres = new ArrayList<>();
15         return bres;
16     }else if(n == 0){
17         ArrayList<String> bres = new ArrayList<>();
18         bres.add("");
19         return bres;
20     }
21     ArrayList<String> path1 = getStairPaths(n - 1);
22     ArrayList<String> path2 = getStairPaths(n - 2);
23     ArrayList<String> path3 = getStairPaths(n - 3);
24     ArrayList<String> res = new ArrayList<>();
25     for(String str : path1){
26         res.add(1 + str);
27     }
28     for(String str : path2){
29         res.add(2 + str);
30     }
31     for(String str : path3){
32         res.add(3 + str);
33     }
34     return res;
35 }

```







[3 2 1 1 1 2 1 1 1 2 3 2 1 1 1 2 1 1 1 2 3]