Lecture 9

Saturday, 1 February 2020 2:30 PM

Recursion - 2.

```
Q= print Subsequences. > "abc." > n > 2<sup>n</sup> subsequences
```

bublic Static void frintSubsequences (String str. String res) {

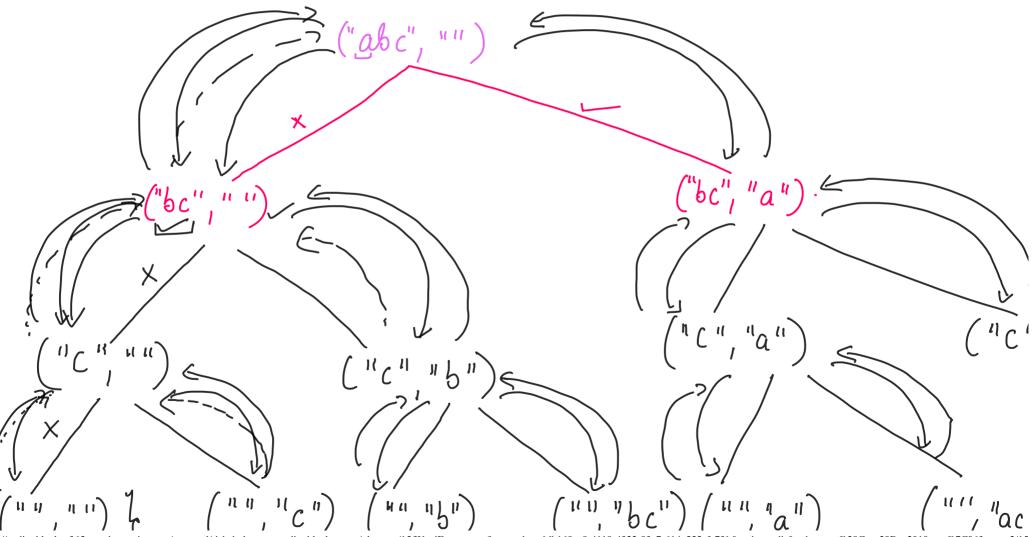
if (str. length () == 0) {

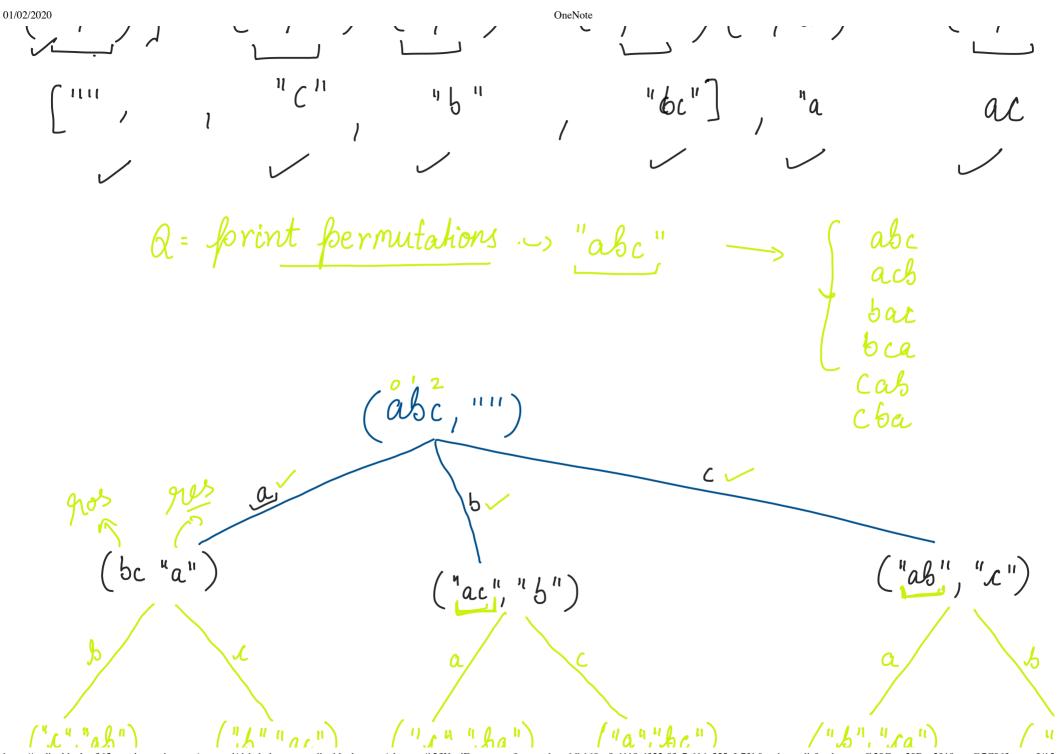
Syso (res);

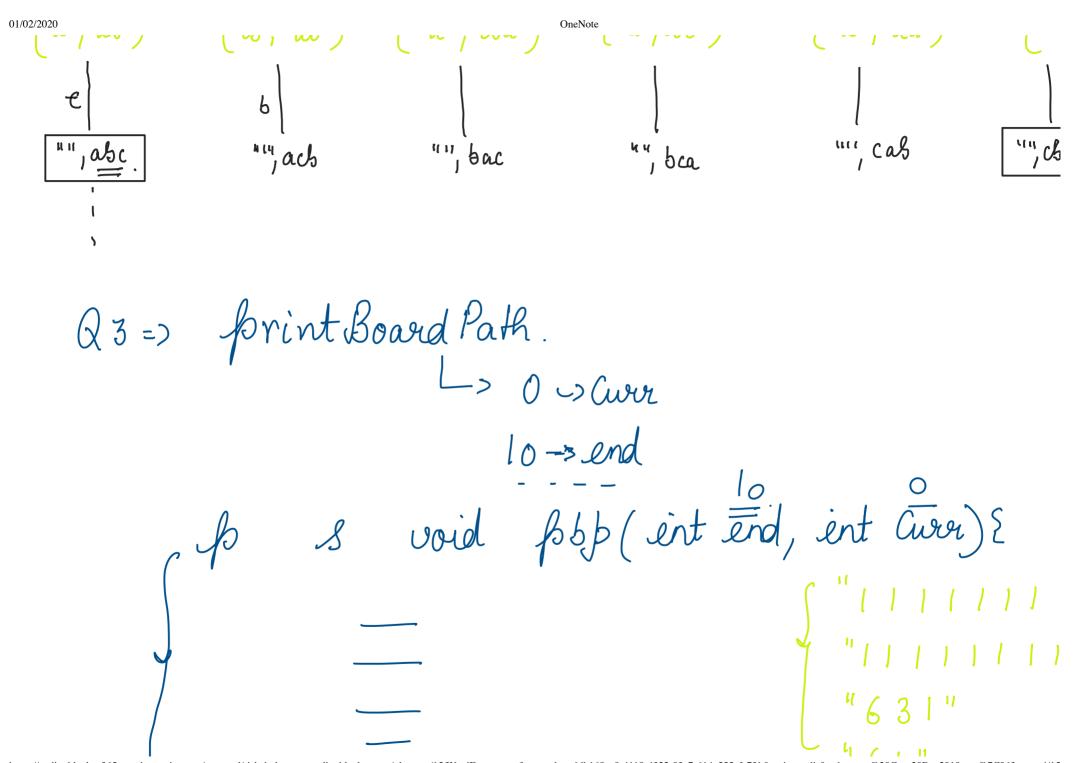
He twon;

that c = Str. char At(o);

// a. String ros = Str. Substring(1); ~ 1/bc ~





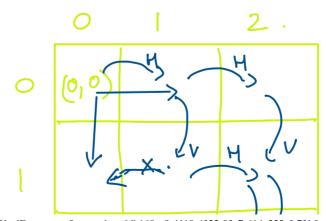


01/02/2020 OneNote

\ 3

'532' '253'' '253'' '1235'' '13331'

a= forint Maze Path.



Jo S Jor

2 (2,2)

a=> print Mazelath WD.

S DD DVHV

public Static void printpermutations (String str,

if (str. length() == 0) {

String re

Sor (inti=0; i< str. length(); i+t) { char cc = str. charAt(i); string ros = str. substring(o, i) + str. _ (i+ - print per _ (ros, res+cc);

1:00 " + bc" => "bc" (= 1 -> "a" + "c" => "a(C" 1=2 -> "ab" + " " => "ab"



printboardfath (int end, int Cur, String res) {

Syso(res);

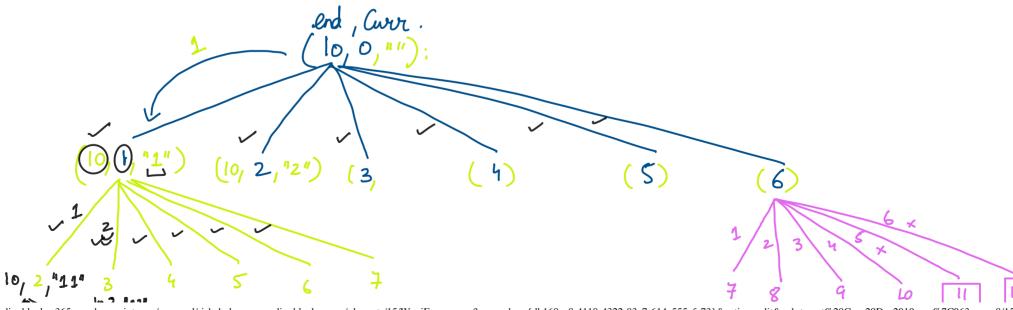
3 Setwon;

if (Cour rend) {
 retwon;

3 dice <= 6; dice ++) {
 for (ent dice=1; dice <= 6; dice ++);

}

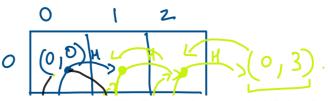
5

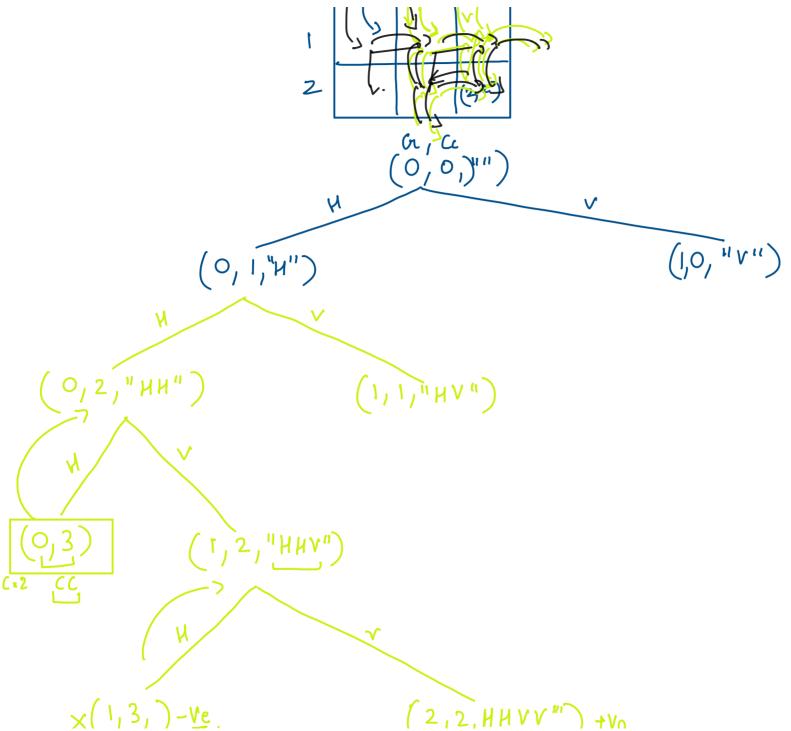






Q= fofows (char[] arr, ent front, ent back) { Char[] are { 'a', 16', 'c'}; 3

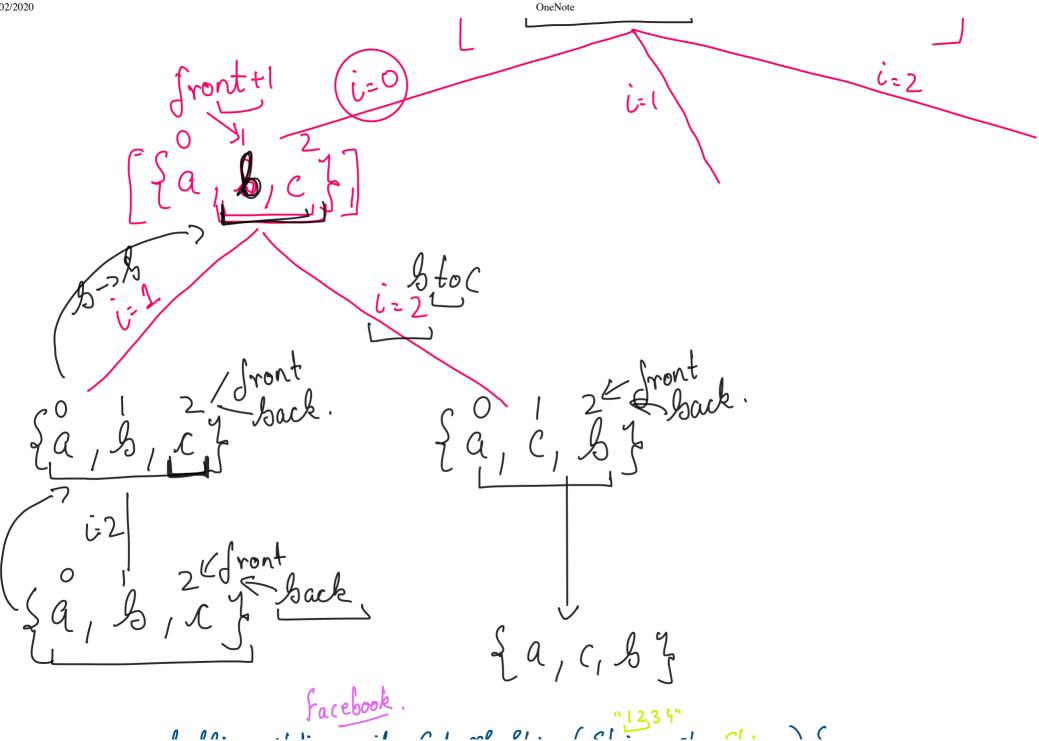




(

ppws (char[] arr, ent front, ent back (front == back) { ppws (arr, front+1, back); wap (arr, front, i);

 $https://codingblockso365-my.sharepoint.com/personal/rishab_kapoor_codingblocks_com/_layouts/15/WopiFrame.aspx?sourcedoc=\{db168ca8-4118-4322-83e7-614a555afa73\}\&action=edit\&wd=target\%28Crux29Dec2019.one\%7C06...$



if (Integer. value of (dc)<=26) {

cher Code2 = gettede(dc); ~l

Codes of String (ros2, res+Code2);
} 26-3.

