

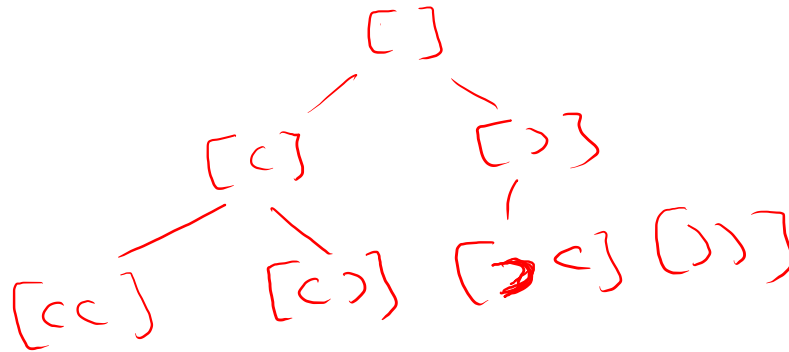
# Valid Parenthesis

$n = 2 \rightarrow$

$(( ))$   $()()$

possible combinations

what we can do is make each



$\rightarrow$  like this

```
public void helper(int lp, int rp, String ssf, List<String> ans){
    if(lp == 0 && rp == 0){
        if(validator(ssf)){
            ans.add(new String(ssf));
        }

        return;
    }

    if(lp != 0)
        helper(lp - 1, rp, ssf+"(", ans);

    if(rp != 0)
        helper(lp, rp - 1, ssf+")", ans);
}
```