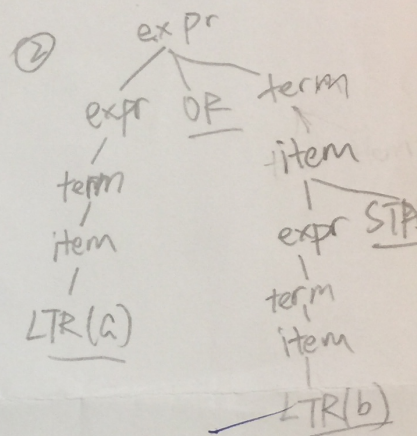
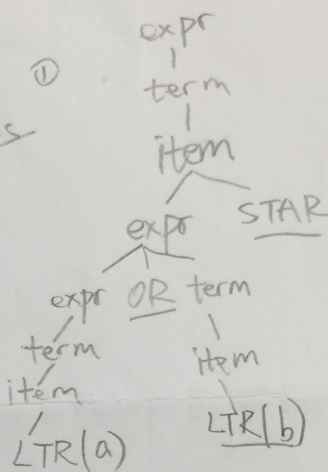


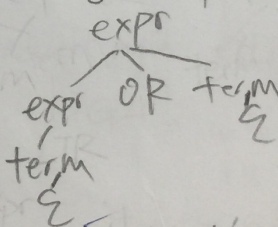
CFG 1: factor cannot never reach, so we don't have star or plus in input string! a) b^* is a legal regular expression, but is not in the language of CFG 1 case!

CFG 2: choose case c) $a|b^*$ has two trees



CFG 3: case (a) $(ab)^+$ is a legal expression, but is not in the language of CFG 3 case!

CFG 4: case b "1" string is a illegal expression, but is in the language of the CFG!



CFG 5: Case a) $(ab)^+$ is a legal expression in CFG but is not in the language of the CFG 5!

