Duplicate Parentheses

Given a balanced expression, find if it contains duplicate parentheses or not. A set of parentheses are duplicate if the same subexpression is surrounded by multiple parentheses.

Return a true if it contains duplicates else return false.

example : $(((a+(b)))+(c+d))$ true

example : $((((a)+(b))+c+d))$ true

example : $((a+b)+(c+d))$ false

example : $(((a+b))+c)$ true