Balanced Parentheses

ZPRAC-16-17-Lab9

Up to 20% marks will be allotted for good programming practice. These include
 - Comments: for nontrivial code
 - Indentation: align your code properly
 - Function use and modular programming
 - Do not include anything in the header other than what is already given in the template.

- You have to solve this problem using recursion
- Some marks are reserved for writing correct base case and recursive step

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Write a recursive function to generate all possible n pairs of balanced parentheses for a given value of n<=20. Every balanced parenthesis should be printed in a new line.

Input: 1
Output:
{}

Input: 2
Output:
{}{}
{{}}