A pair of closed parentheses is written as ().

**Function Description**

Generate all the possible balanced closed parentheses. The number of closed pair of parentheses is **N**.

**Input Format**

The input will provide the value of **N.**

**Constraints**

1<=**N**<=10^3

**Output Format**

All the ways should be displayed in the form of an array. Make sure it should be sorted according to the ascending ASCII code.

Example:- (()()) will come before (())()

**Sample Input**

2

**Sample Output**

['(())', '()()']

**Explanation**

There are two ways to write closed balanced parentheses (()) and ()().