

CMPSC 465 Project 2

Submission

- Your program in C++.
- Paste three test cases at the end of your program (put them in comment area).

Project Description

Given n pairs of parentheses, write a program in C++ to generate all combinations of well-formed parentheses.

For example, given $n = 3$, a solution set is:

"((()))", "(())()", "()()()", "()(())", "(()())"

Sample Command Line Input

```
3           // this number is read from the command line!
```

Sample Command line output

```
((()))  
(()())  
(())()  
()(())  
()()()
```