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CS3B

CFG\_Example.cpp output:

```
PS C:\Users\Hyuse\Desktop\Automata Simulations\Context-Free Grammar> .\CFG_Example.exe

--- CFG Parser (Balanced Parens) ---
This CFG parser checks if the input string has balanced parentheses.
For epsilon (empty string), just press Enter

How many test cases do you want to run? 3

Input a string composed of '(' and ')' to check the balance of parentheses in said string.
String: 
Testing '': Balanced

Input a string composed of '(' and ')' to check the balance of parentheses in said string.
String: (())
Testing '()': Balanced

Input a string composed of '(' and ')' to check the balance of parentheses in said string.
String: ())
Testing '()': Not Balanced
```