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#include <iostream>

#include <cstring>

void reverseString(char expn[], int length) {

int lower = 0;

int upper = length - 1;

char tempChar;

while (lower < upper) {

tempChar = expn[lower];

expn[lower] = expn[upper];

expn[upper] = tempChar;

lower++;

upper--;

}

}

void replaceParanthesis(char a[], int length) {

for (int i = 0; i < length; i++) {

if (a[i] == '(') {

a[i] = ')';

} else if (a[i] == ')') {

a[i] = '(';

}

}

}

char\* infixToPostfix(char infix[]) {

}

char\* infixToPrefix(char infix[]) {

int length = strlen(infix);

reverseString(infix, length);

replaceParanthesis(infix, length);

char\* postfix = infixToPostfix(infix);

reverseString(postfix, strlen(postfix));

return postfix;

}

int main() {

char expn[] = "10+((3))\*5/(16-4)";

char\* value = infixToPrefix(expn);

std::cout << "Infix Expn: " << expn << std::endl;

std::cout << "Prefix Expn: " << value << std::endl;

return 0;

}