**NAME:** Wanjau Mwangi

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#include <iostream>

#include <stack>

#include <string>

#include <unordered\_map>

using namespace std;

class RPNCalculator {

private:

unordered\_map<char, int> precedence = {{'+', 1}, {'-', 1}, {'\*', 2}, {'/', 2}, {'%', 2}, {'(', 0}};

public:

string infixToPrefix(const string& infix) {

string prefix;

stack<char> opStack;

// Your code to convert infix to prefix goes here

return prefix;

}

};

int main() {

RPNCalculator calculator;

string infixExpression;

cout << "Enter infix expression: ";

getline(cin, infixExpression);

string prefixExpression = calculator.infixToPrefix(infixExpression);

cout << "Prefix expression: " << prefixExpression << endl;

return 0;

}