Assignment 3 Question 2

#include <iostream>

#include <stack>

#include <string>

using namespace std;

int main() {

string str;

cout << "Enter a string: ";

cin >> str; // (this will stop at space; use getline if you want spaces)

stack<char> s;

// push all characters into stack

for (char c : str) {

s.push(c);

}

cout << "Reversed string: ";

// pop and print all characters

while (!s.empty()) {

cout << s.top(); // top element

s.pop(); // remove element

}

cout << endl;

return 0;

}