Week 7-8-9

Q15. Overload the + operator to concatenate two string class

objects

#include <iostream>

#include <string>

using namespace std;

class String {

private:

string str;

public:

String(const char \*s){

str = s;

}

String operator+(const String& s){ // Overloading binary + operator for string concatenation

return String((str + s.str).c\_str());

}

void display(){

cout<<str<<endl;

}

};

int main(){

String str1("Hello ");

String str2("World!");

String str3 = str1 + str2; // Using overloaded + operator to concatenate strings

str3.display();

return 0;

}