Assignment #1

Problem 1

Describe, in your own words, (1) what does #include <iostream> does for our programs and (2) why is might be better idea not write using namespace std - and use other alternatives - for our programs

Problem 2

Describe at least 2 forms of input and output and explain which of C++'s streams are used to support them.

Problem 3

During our class we ended up with a buggy implementation of a program which was supposed to read two numbers from a file and display it on the screen. We encountered 2 "bugs" in our program, the first one is demonstrated in the **buggy_extra_value.cpp**. The second one is demonstrated in **buggy_same_value.cpp**, as we saw, instead of all the values in a file it only prints - infinitely - the last one.

Please explain what's exactly wrong with each program and submit fixed versions as **extra_value_fixed.cpp** and **same_value_fixed.cpp** files.

Problem 4

Write a program that gets 5 strings from a user(e.i "my string", "foo 2 baz") and writes them in a file called **user_input.txt.** Put your solution in **user_input.cpp** file.

Problem 5

Use **loop and a half** paradigm to read, line by line instead of word by word, content **read_text.txt** and display it on the console. Put your solution into **read_file.txt**