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CS 405: Secure Coding

2-3 Activity: Buffer Overflow Coding

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Much like with the previous activity, visual studios did not give me the option to debug my program. This is shown in the first screenshot where the option is not highlighted. For this assignment, the original input for the user to enter was causing an overflow issue. To avoid this issue it is better to use std::strings. This is because the std::sting avoids buffer overflows and is the preferred method of storing a value. As a result, the original input was changed to incorporate this. On line 25 of the code, the original line was changed to std::string user\_input;. This allows the user to enter their information with the worry of overflow correcting the issues outlined in the TODO portion of the code. To see screenshots of my code, please see the next page.

A screenshot of a computer

Description automatically generatedA screenshot of a computer

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