CS-405-10861-M01 Secure Coding 2024 C-3

2-3 Activity: Buffer Overflow Coding

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**Approach Details:**

Replacing std::cin << user\_input; with std::cin.getline(user\_input, 20); allows the input to be truncated if it is beyond 20 characters. This will prevent overflows. I tested strings of data within the limit, slightly beyond the limit, and massively beyond the limit. All results were truncated properly, and there was no overflow.

**Console Output:**

**A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated**