Buffer Overflow Coding

Kenneth J Gollaher

CS-405 Secure Coding, Southern New Hampshire

Module 2-3 Activity: Buffer Overflow Coding

Professor Ivan Gappy

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Buffer Overflow Detected

Text

Description automatically generated

Buffer Overflow Not Detected

Text

Description automatically generated

The attached screenshots shows whether the buffer overflow is detected or not. The first screenshot shows the user input of more than 20 characters. This in turn throws an overflow message and informs the user to use less than 21 characters. To limit the user input, I implemented the cin.getline() method to limit the number of characters that are accepted. In this case, it is limited to 20 characters. Anything over 20 characters has the overflow message printed. The second (bottom) screenshot shows the user input of only 10 characters. No overflow message will display. Either way, the output will show what the user input has been entered and the account number.