Southern New Hampshire University

CS 405 Secure Coding

Professor Mike Prasad

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Text

Description automatically generated

Graphical user interface, text

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For this assignment I started by adding if and else statements for the T add\_numbers command in order to show when exactly an overflow has happened. The first if statement was if start and increment were greater than zero and result is greater than that of numeric\_limits T max then an overflow has happened. Then, if start and increment were less than zero and result less than numberic\_limits T max then an overflow has happened. I had the program return -1 when an overflow happened. Then the last part was to create the else statement. Else if any other results besides the above mentioned an underflow has happened.