

# memo

IIT CS330 Fall 2022

To: Virgil Bistriceanu  
From: Sam Michelsen  
CC: N/A  
Date: Date  
Re: CS330 Coding Assignment

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I implemented the security keypad engine using C++ and an accompanying program that tests how long it would take to break into the system using randomly generated numbers. Both programs were made using Vim in a Linux terminal and VScode on a Linux system. The regular expression that unlocks the door is the string "607721" and the unlock expression is "607724"

