Memo

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CC: Li Zhang
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I have made this program in python.
Characters from 0-9 are accepted. As soon as the last digit of the access code is entered, the program will signal the action taken (lock or unlock).

The access code is the LSB of my id: 22087 and the unlock code is "220871" whereas the lock code is "220874".

In the second part, we do not have an idea of the length of the code, quite opposite to the one in the first part that. tests how easy or difficult it is for an intruder to unlock the lock without knowing the code. This one takes a longer time since the intruder does not know the length of the string.

Findings:
Although the first part was easier since I knew the length of the access code, for some random person to access it was tricky since the length could be anywhere from 0 – 9. I found it easier to do it in python rather than any other language since it could easily match the code whenever it finds it in the string.
For second code, I had to run it a couple of times before reaching the actual code where it matches with the string.