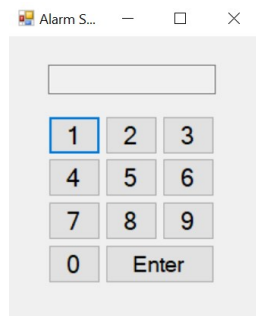# Unit: Algorithm Writing

Day 4: Alarm System

Do Now: Create a new project called "Alarm System" with design matching the image

Part 1: Entering the password

The first goal of the program is to edit the textbox so that when buttons are pressed the corresponding numbers are added to the textbox.

Ways to do this:

    1) make each button click an event procedure subclass.

    2) create a global variable called entry as an empty string.

    3) in each button click concatenate the entry by its value.

Part 2: The algorithm

Based on the user having typed in their entry and then clicking enter write your algorithm for checking the entry and submit it on Google classroom

Unit: Algorithm Writing

Day 5: Alarm System

Do Now: Finish Part 1 and Part 2 of Alarm System

Day 4-5: Alarm System

Part 3: Working Code

Write a working version of the program based on your algorithm.

Bonus:
- Only allow 4 incorrect guesses
- Not allow user to enter a password that isn't 5 digits