Programming Exercise 6.2

Input Validation

Purpose. Write a program with input validation.

Modify the `amortizationCalc.py` program from chapter 4, to make a new program, **inputValidation.py**. The modified program should prompt the user for a password before proceeding with the input prompts and calculations. Use an *alphanumeric* password of your choosing.

Program I/O. <u>Input:</u> password, repeatedly until correct or CTRL-C (control-c) is pressed, and three programmer-selected inputs. <u>Output:</u> a statement that echoes the three inputs and the calculated resut.

Example. Here's what the output should look like, with user input in blue:

```
Enter your password: password
Enter your password: 12345
Enter your password: P@ssw0rd!

In 12 years, $200 deposited per month will grow to $...
```