Learning objectives:
1. Develop a simple Python program that does arithmetic.
2. Develop a Python program that manipulates strings and lists.

Assignment:
1. Write a program that counts the number of words in a sentence entered by the user (prog3_1.py).

2. Write a program that calculates the average word length in a sentence entered by the user. (prog3_2.py).

3. An acronym is a word formed by taking the first letters of the words in a phrase and making a word from them. For example, RAM is an acronym for “random access memory.” Write a program that allows the user to type in a phase and then outputs the acronym for that phrase. Note: the acronym should be all uppercase, even if the words in the phrase are not capitalized (prog3_3.py).

4. Write a program that prompts the user for their monthly deposits and withdrawals from their checking account. After each transaction, output the balance and the amount withdrawn or deposited. At the end of the program, output a formatted table of the transactions. Use the Python format function to only display two decimal places. Use a Python list to keep track of the transactions and balances. Here is an example program execution (prog3_4.py):

   Enter the number of transactions: 3
   Enter the initial balance of your account: 25

   Enter the amount of transaction 1: -5
   Your current balance is $20.00
   Enter the amount of transaction 2: 10.50
   Your current balance is $30.50
   Enter the amount of transaction 3: 0.25
   Your current balance is $30.75

   #   Transaction   Balance
   -------------------------
   1   $-5.00       $20.00
   2   $10.50       $30.50
   3   $0.25        $30.75

Submission: Submit prog3_1.py, prog3_2.py, prog3_3.py, and prog3_4.py to your class OAKS dropbox.