1. Study Sixth edition Chapter 5, Section 5.3.

2. Write an assembly language program in the Asmb5 Pep/10 Full OS mode to input four integers, output them, then output their average on the next line. If the input is

    ```
    146   97  121       100
    ```

    the output should be

    ```
    146 97 121 100
    Average: 116
    ```

    Name your file *xx*`prob0512.pep` (all lowercase) where *xx* is your assigned two-digit number. For example, if your two-digit number is 99 you would name it `99prob0512.pep`. Note that the app will automatically append the file extension `.pep`.

    Hand in your file as an attachment in Canvas under Assignment 12.