Ian Pope ICP1

<https://youtu.be/MoUr5BdcWSA>

<https://github.com/ijp74190/ICP1>

Question 1 makes use of many of the built in functions in python as well as the statistics library

A screenshot of a computer program

Description automatically generated

As part of question 2, my code demonstrates that it is possible to have different data structures as a value in a dictionary, such as a list.

Question 3 shows tuples can not be changed but can be combined into new tuples

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Question 4 goes through the different operations that can be performed using sets

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Question 4 also demonstrates how the length of a set converted from a list can be shorter because sets do not include duplicate items

Question 5 takes a string, splits it, and then converts it into a set to see all unique words used int the sentence

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Question 8 makes use of the string format function

Question 9 takes a user input on how many students. It then records the weight in lbs. of each student, afterwords the lbs. are converted into kgs and stored separately.

A computer screen shot of a program

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Outputs:

A screenshot of a computer program

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A screen shot of a computer

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