Part 1

Write a Python program that does the following.

Create a string that is a long series of words separated by spaces. The string is your own creative choice. It can be names, favorite foods, animals, anything. Just make it up yourself. Do not copy the string from another source.

Turn the string into a list of words using split.

Delete three words from the list, but delete each one using a different kind of Python operation.

Sort the list.

Add new words to the list (three or more) using three different kinds of Python operation.

Turn the list of words back into a single string using join.

Print the string.

Part 2

Provide your own examples of the following using Python lists. Create your own examples. Do not copy them from another source.

Nested lists

The “\*” operator

List slices

The “+=” operator

A list filter

A list operation that is legal but does the "wrong" thing, not what the programmer expects

Provide the Python code and output for your program and all your examples.

Part 3

Describe your experience so far with peer assessment of Programming Assignments.

How do you feel about the aspect assessments and feedback you have received from your peers?

How do you think your peers feel about the aspect assessments and feedback you provided them?