



Compliment Generator — Notes for Club Leaders



Introduction:

This project teaches children how to use lists, as well as accessing elements of a list, and adding and removing list items. Students learn through making a compliment generator, which gives the user a random compliment from a list.

Resources

For this project, Python will need to be installed. It is recommended that version 3.2 of Python is installed.

Children can also make use of the materials which accompany these challenges. Files included in the 'Project Resources' folder (found under the 'Download Project Materials' link):

- ComplimentGenerator.py

Make sure that each child has read and write access to their own copy of these resources.

You can find a completed version of this project's challenges by clicking the 'Download Project Materials' link for this project, which contains:

- PetNamingService.py

Learning Objectives

- Lists;
- Arrays, and accessing list elements;
- Using `random.choice()` method on a list;
- List `append()` and `remove()` methods.

Challenges

- Adding more compliments - adding items to a list;
- Duplicate hobbies - testing and fixing a problem;
- Pet naming service - applying the use of lists to a new problem.

Frequently Asked Questions

- Children may need to be reminded that list items are separated by a comma, and that there is no comma after the last item in a list.

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