

Python Code Sample

Write a class that can store and process strings. It should have interfaces to

- appending a new string to the existing string
- removing a substring
- mirroring a string
- save / load string content to / from file

Create a child class Anagram that can create all anagrams out of a string.

<https://en.wikipedia.org/wiki/Anagram>

(Results do not have to be proper words)

Create another child class that can only store Palindromes

<https://en.wikipedia.org/wiki/Palindrome>

Create a python function `anagram_palyndrom_finder.py` that can download and parse any webpage to find words that are Anagrams / Palindromes in the page.

Create a [BASH script](#) that can take any web page URL as parameter, call the `anagram_palyndrom_finder.py` with that URL and print the result to the terminal.

Make sure the code runs with Python3, can be well understood by other developers, is well tested and functionally robust for possible future modifications. PyLint 10/10 is a +.

Please share your code through a GitHub / GitLab / BitBucket repository and send us a link. Our mail server might filter source code files.

Feel free to use any standard python libraries.

Submissions based on copied internet solutions will not be considered.

