

Programming Assignment A1-3: Mind Your Language

Objective: to get experience in

- reading files from the local machine
- integrating external service from Internet
- natural language processing

Problem: Some text documents meant for distribution in Internet contain **bad language** and need to be either corrected or deleted. The language can be controlled automatically by AI software, which uses linguistic analysis techniques. As an example, a web service for searching inappropriate words in a text is published at <http://www.wdylike.appspot.com/>

Task: Create a Python program, which

- opens a text file from a local folder
- reads the text stored in the file
- connects to the remote service, which checks for profanity in the language
- sends the content of your file to this service
- gets and prints the returned results

Recommendation: Plan - Research - Design - Program - Test - Deliver

If necessary, get support from the instructor's notebook in **Additional Resources**.

Result: Submit your code to **Peergrade**. If it is usable, it brings you **one credit**.