

Assignment #2
Simple Programs

Write the following programs in the CodeBlocs environment:

- 1) Program that displays 10 times your first name and 5 times your last name.
 - Each last name should be written in a separate line.
 - The first names should be placed all in a single line. Use ‘;’ to separate them. At the end write ‘.’ instead of ‘;’.
- 2) Filter that displays the number of alphabetical letters and the number of decimal digits in the standard input.

To find out whether a character is a digit or an alphabetical letter you can use the functions: `isdigit` and `isalpha`. The functions are described in the `ctype.h` header file.
- 3) A filter that selects words that start and end with the same letter. Each accepted word should be written in a separate line. Please use the `strlen` function.
- 4) A filter that selects lines with odd length from standard input. All other lines should be ignored.

Remarks:

1. Run the programs both from the CodeBlocs environment as well as from the command line prompt.
2. Use projects in implementation.

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