

## C++ DEVELOPER HOME TEST ASSIGNMENT

### DESCRIPTION OF THE ASSIGNMENT:

Create a program that uses any text file with random content as an input, and checks all the words contained in such text file for letter combinations consisting of more than 3 letters.

Program output will consist of up to 10 most common letter combinations and their difference in percentage displayed as a table and a bar chart.

### Sample solution

#### The content of the input file:

"hall feels heels"

#### Output:

Frequencies:

eels: 28.57%

feel: 14.29%

heel: 14.29%

hall: 14.29%

feels: 14.29%

heels: 14.29%

Additionally we expect you to:

- 1) describe the test cases
- 2) describe the test data
- 3) use C++ programming language