

PL190μ Introduction to the Go Programming Language

Project 1: Simple command-line interface application

This assessment evaluates the following competencies:

- *GP001 – Correctly use the syntax of Go programming* (+1)
- *GP101 – Write, compile and execute a single source file Go program with the command line* (+1)

You may also be assessed on the following competencies:

- *GP002 – Use basic built-in data structure: array, slice and map* (+1)
- *GP401 – Understand basic Go compiler errors and warnings and fix the code accordingly* (+1)
- *GP003 – Manipulate structures and define methods manipulating them* (+2)
- *GP301 – Handle rigorously the errors when calling procedure and function* (+2)
- *GP004 – Use functions from the Go standard library given their specification* (+2)

In this project assessment, you have to write a simple command-line interface application with Go. To succeed the assessment, you have to:

1. Write and test your application on your computer.
2. Compile your application in front of your teacher and prepare a short demonstration.
3. Explain to the teacher the structure of your code and answer his/her questions about how your program is working.