VG101 — Introduction to Computer and Programming

Code quality requirements
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- Fill in this form before every assignment and project submission
- Submissions missing this form will be disregarded
- If any of the rules is broken a -25% penalty will be applied
- This form is not allowed during the exams

Rules common to all languages

C

Any code that is not compiling (C/C++) or returning an error (MATLAB) will not be graded.

• Sour	ce code quality:
	The code is indented
	The variable names are meaningful
	The code is split and organised into functions
	All the opened files have been closed
Documentation quality:	
	The code shows simple comments explaining the main steps
	A README file documenting the implementation choices is provided
	The README file is in pure text format
	The README file includes the names and student IDs of the all the contributors
	The README file explains what inputs are expected and provides an example
	The README file features a "Bugs section" where known issues that could not be solved on
	time are listed
and C++ specific rules	
• Varia	ables:
	No global variable is used
	Any dynamically allocated memory has been released
• Fund	ctions and keywords not to use:
	goto // not a good practice
	system // not a good practice
	${\tt fflush(stdin)} \ // \ {\tt not} \ {\tt in} \ {\tt the} \ {\tt C} \ {\tt standard}, \ {\tt meaningless} \ {\tt and} \ {\tt leading} \ {\tt to} \ {\tt unexpected} \ {\tt behaviors}$
	friend // C++ only, not a good practice
• Code	e structure:
	The main function is only used to dispatch the work to other functions
	No function is coded in a header file
	All the headers files feature "header guards"
	Unless specified otherwise, the provided template is used to organise the code