VG101 — Introduction to Computer and Programming

Worksheet (chapter 11)
Manuel — UM-JI (Summer 2019)

Worksheet concept

- Simple exercises based on the slides
- Optional personal work
- No submission, no grading
- Only refer to websites in English

Ex. 1 — *Slide questions*

Ensure you can answer all the questions appearing in chapter 11.

Ex. 2 — Makefile

- 1. Compile the home using a Makefile.
- 2. Alter the Makefile to compile into a binary called house (instead of home).
- 3. Add a mathematical formula available in the math library and compile with the -lm flag.

Ex. 3 — OpenGL

Adjust the home code to get the home to move along a square, i.e. left to right, bottom to top, right to left, top to bottom, left to fright, etc..

Ex. 4 — References

- 1. Read https://en.cppreference.com/w/cpp/language/reference initialization.
- 2. What do references and pointers have in common? How do they differ?
- 3. In the home code, replace the pointers by references.