

# Assignment 1 delivery format – minimum requirements

The assignment is delivered in source format.

It is composed by only one file which is a .zip archive.

The name of the file is exactly the acronym of your group followed by “\_1” (assignment no.1).

The archive contains exactly 5 files: 3 shell scripts plus a .zip archive (*sources archive*) and a text file:

**1. install.sh:**

is executed with one parameter: **install <pathname>**; unzips the *sources archive* (e.g. using *unzip*) and copies its contents into the directory <pathname>; then compiles all sources generating the executables

**2. run.sh:**

runs the project

**3. help.sh:**

outputs the contents of the project description file (see below), chained with all the texts describing the processes (see below); the text is filtered with the command *more* to have a one-page-at-a-time presentation

**4. project description text file:** the project in general (1 page max)

**5. the sources archive** contains all files of the project, in different directories, with a hierarchy that must be reproduced in the directory <pathname> upon install execution:

- a. directory with process 1
- b. directory with process 2
- c. directory with process 3
- d. ... and so on, plus
- e. directory for *log file(s)* and *common parameters* file(s) (if any)

In every directory there is a text file describing briefly the content and how it works; all these files are read and chained by the *help* shell script.

Warning: this is only a sketch. Feel free to change rationally the specifications, keeping at least the double archive format, the commands for installing and executing, and a clear structure with all the component in separate directories. If you know *make*, use it. If you are familiar with bash scripting, enhance the commands at your pleasure, for example for error detection.

These requirements are minimal, hence compulsory. If you are able to make it better, do for your pleasure and for the glory: it will not give you a higher score.