Computing & Programming

Year 2025–2026, Practice 3

(Date: -/-/2025)

Programming Style. Flow Control.

1.— Create two folders on your hard drive called C and Fortran.

Go to the website

http://caminos.udc.es/info/asignaturas/grado_itop/503/index.html,

seguir la ruta

```
\rightarrowSoftware, \rightarrow1_Ejemplos_C-Fortran, \rightarrow1-2_Bucle/
```

and download the contents of each of the two existing folders (C/ and Fortran/) into the corresponding newly created folder.

You are asked to:

- a) Examine, analyze, and compare programs bucle.c and bucle.f.
- b) Verify that both executables bucle.exe work correctly (*).
- 2.— Create two folders on your hard drive called C and Fortran.

Go to the website.

http://caminos.udc.es/info/asignaturas/grado_itop/503/index.html,

follow the route

```
\rightarrowSoftware, \rightarrow1_Ejemplos_C-Fortran, \rightarrow1-3_Fahrenheit/
```

and download the contents of each of the two existing folders (C/ and Fortran/) into the corresponding newly created folder.

You are asked to:

- a) Examine, analyze, and compare programs fahrenheit.c and fahrenheit.f.
- b) Verify that both executables fahrenheit.exe work correctly (*).
- **3.** Create five folders on the hard drive named C-1, C-2, C-3, Fortran-1, and Fortran-2. Access the website.

http://caminos.udc.es/info/asignaturas/grado_itop/503/index.html,

follow the route

```
\rightarrow \! \mathtt{Software}, \, \rightarrow \! \mathtt{1\_Ejemplos\_C\text{-}Fortran}, \, \rightarrow \! \mathtt{1\text{-}4\_Factorial/}
```

and download the contents of each of the five existing folders (C-1.../, C-2.../, C-3.../, Fortran-1.../ and Fortran-2.../) into the corresponding newly created folder.

You are asked to:

- a) Examine, analyze, and compare the three programs factorial.c and the two programs factorial.f.
- b) Verify that the five executables factorial.exe are functioning correctly (*).

^(*) Note: The executables (*.exe) and the command programs (*.bat) displayed on the website are specific to Windows. If another operating system is used, it will be necessary to rebuild the executables, compiling and linking them from the source programs.