Assignment #1: Using Spyder in Linux

Master in Informatics and Computing Engineering
Programming Fundamentals
Instance: 2018/2019

0. Introduction

***Goals**: get to know the working environment: Linux shell, basic commands, Spyder3 and Moodle.*

***Pre-requirements (prior knowledge)**: know how to COPY & PASTE!*

***Rules**: You may work with colleagues, however, each student must write and submit in Moodle his or her this assignment separately. Be sure to indicate with whom you have worked. We may run tools to detect plagiarism (e.g.duplicate code submitted).*

***Deadline**: 8:00 Monday of the week after (01/10/2018)*

***Collaborators**:*

list here their codes (2018nnnn1, 2018nnnn2, …)

1. Login

Login into your Linux account and open a “Terminal” console.

In the *shell* prompt, type the command

```
whoami
```

and copy the result here:

jlopes

2. Working space

Create a directory to hold your practical work by typing the commands

```
cd ~; mkdir fpro
```

Go to the new directory, using the command

```
cd fpro
```

then execute the command

```
pwd
```

and copy the result here:

/home/jlopes/fpro

3. Hello World

Get the Python code **`hello.py`** from FPRO’s repository at GitHub (available online at

https://github.com/fpro-admin/recitas) and save the file in your working space directory by using:

```
git clone https://github.com/fpro-admin/recitas.git
```

Then, execute the commands:

```
cd recitas/01; ls -l hello.py; python3 hello.py
```

and copy the results here:

-rw-r--r-- 1 jlopes jlopes 546 ago 30 18:49 hello.py

Hello!

4. Spyder3

Execute the application Spyder3 using the command

```
spyder3 &
```

Inside Spyder, open the file **`hello.py`**, run the code and copy the result here:

Hello!

5. Output

Again using Spyder3, change the code **`hello.py`** to output "**`Hello up201800007`**" (where *up201800007* is your login), run the new code and copy the result here:

Hello jlopes!

The end.

FPRO, 2018/19