Sistemas Informáticos (Computer Systems)  
Unit 05. Activities 01

short line

Authors: Sergi García, Alfredo Oltra

Updated October 2022

Unit 05. Activities 01

# Exercise 01

Install of Lubuntu in a virtual machine using those settings:

* Install Lubuntu in a Virtual Box Machine but using two hard disks, “sda” (10 GB) and “sdb” (5GB).
* Create the following partitions:
  + “/” in “sda”, size: 7 GB.
  + Swapping in “sda”, size: 1 GB.
  + “/home” in “sda”, size: the rest of hard disk.
  + “/var” in “sdb”, size: 2.5 GB
* Lastly, create a user with login as the first letter of your name plus your complete surname.

Share if you have success :) or if you have any doubt, ask in forum.

# Exercise 02

Using Docker, create one container based on the last Ubuntu image. You can use it in order to investigate, try to solve exercises, etc.

# Exercise 03

Installation of applications:

* Using “apt” in the terminal, install:
  + vlc
* Using “Muon”, “synpatic” or a similar program, install:
  + chromium
* Using “Snapd”, “Flatpack” or a similar program, install:
  + Visual Studio Code <https://code.visualstudio.com/>

# Exercise 04

* Create in your home a file text called MyFirstLinuxFile.txt. Open it and write the text “I Like Linux”.
* Create in your home a file text called myFirstLinuxFile.txt. Open it and write the text “Wow”.
  + Answer this question: Is Linux file system case-sensitive?

# Exercise 05

Read about General Public Licence (GPL), Apache Licence and BSD Licence and explain what are the main differences in forum.