

COMPUTER SYSTEMS

UD2: SI FUNDAMENTALS I

Activity 3-5

CFGS
DAM

Dpt INF

3. Capture the execution of the following commands:

a) To see the amount of RAM installed on our computer and see how much is occupied and how much free: **\$ free**

b) Memory information without the need to install additional software. **\$ cat /proc/meminfo**

c) To view information of computer components (filtering by memory) (may be required to install. \$sudo apt-get install lshw):

\$ sudo lshw -short

\$ sudo lshw -C memory

\$ sudo lshw -C processor

...

\$ sudo lshw -class network

\$ sudo lshw -html > hardware.html

4. Install a benchmark on your computer (**hardinfo**, **CPU-X** on Ubuntu or **CPU-Z** on Windows) and prepare a Report with the information you can get from the tests. Including all the relevant information you can get: processor, cache, RAM, BIOS,...

5. According to the previous results, do you think you need to change any components or add on your computer to increase its performance?. Talk to a classmate and write some sentences in english to explain the reasons for that change to the rest of the class