ECE 4310 – Project 1 – Daniele Ricciardelli

**Part 1**

A screenshot of a computer screen

Description automatically generated1



A screen shot of a computer screen

Description automatically generatedA screen shot of a computer screen

Description automatically generated

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What version of the operating system is running? 4.18.0-513.11.1.el.8\_9.x86\_64

What date was it compiled? Wednesday January 10 at 22:58:54 UTC 2024

What Linux kernel architecture was it compiled for? For 64-bit x86 processors.

A screenshot of a computer

Description automatically generated3

What is the total memory on the server?

8099008 kB

How much memory is free and used?

2515036 kB free, resulting in 5,583,972 used.

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A screenshot of a computer

Description automatically generated

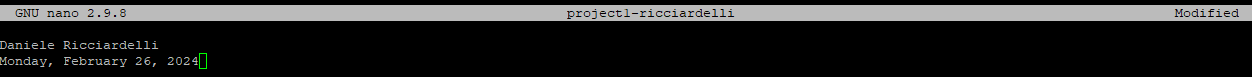
How many CPUs does the Operating System see?

The OS sees 6 CPUs.

What is the vendor and model?

The vendors for all these are GenuineIntel and the model for these are Intel Xeon Gold 6126 CPU @ 2.60 GHz

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A screenshot of a computer program

Description automatically generated

IPv4 - 134.71.247.23/24

IPv6 - 2620:df:8000:ff10:0:1:247:23/64

MAC Address - 00:50:56:88:90:9f brd ff:ff:ff:ff:ff:ff

**Part 2**

Using ps -ef

A screen shot of a computer program

Description automatically generated

User-spaced threads

A screen shot of a computer program

Description automatically generated

A screen shot of a black background

Description automatically generatedProcesses associated with my username:

When viewing the output, what does it mean when the name of the process is in brackets (ie [ ]) ?

The output with [] around a process means that it doesn’t have a command line associated for it.