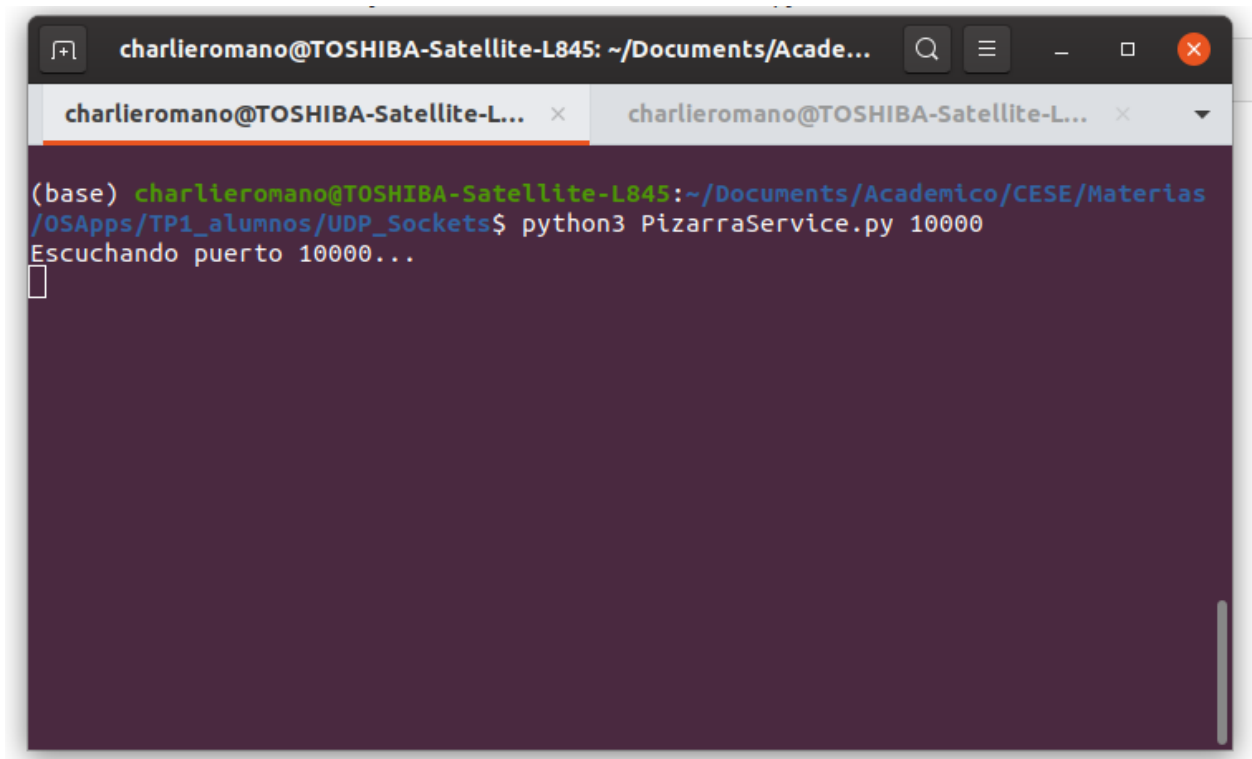


# UDP\_Sockets

Para ejecutar:

1. Ejecutar el servicio PizarraService.py indicando el puerto 10000:

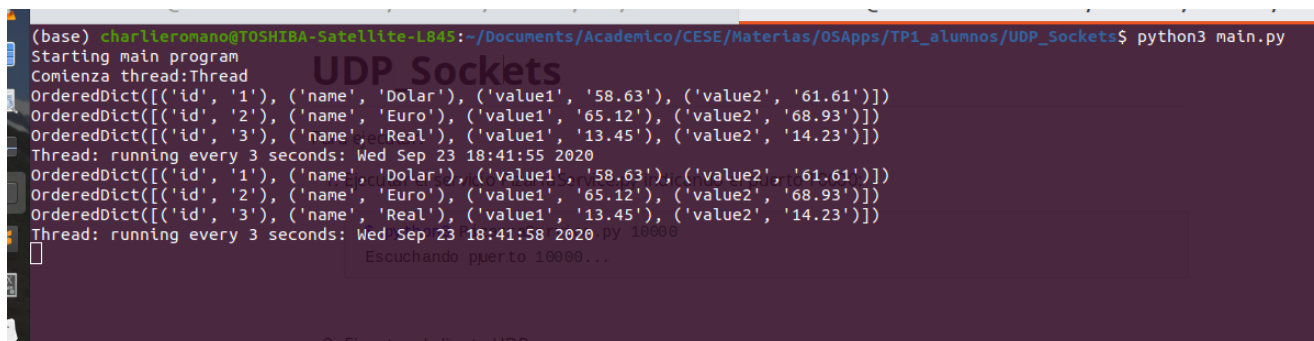
```
$ python3 PizarraService.py 10000
Escuchando puerto 10000...
```



A screenshot of a terminal window titled 'charlieromano@TOSHIBA-Satellite-L845: ~/Documents/Acade...'. The terminal shows the command `python3 PizarraService.py 10000` being executed, resulting in the output `Escuchando puerto 10000...`. The terminal background is dark purple with light-colored text.

2. En otra terminal, ejecutar el cliente main.py:

```
$ python3 main.py
```



A screenshot of a terminal window titled 'charlieromano@TOSHIBA-Satellite-L845: ~/Documents/Academico/CESE/Materias/OSApps/TP1\_alumnos/UDP\_Sockets'. The terminal shows the command `python3 main.py` being executed. The output includes 'Starting main program', 'Comienza thread:Thread', and a series of `OrderedDict` objects representing currency exchange rates. The terminal also shows the output `Escuchando puerto 10000...` from the service running in the background. The terminal background is dark purple with light-colored text.

## Manejo de señales

El signal handler eleva una excepción, y con esta tanto el thread principal como el secundario dan un mensaje de "Exit: " terminando el programa.

### Ejemplo excepción capturada por el thread

```
^CSignal Number: 2  Frame:  <frame at 0x7f472569ca00, file 'main.py', line 46, code
start>
  File "main.py", line 76, in <module>
    main()
  File "main.py", line 64, in main
    j1.start()
  File "main.py", line 46, in start
    time.sleep(self.timer)
Exit:Thread
```

### Ejemplo excepción capturada por el main:

```
^CSignal Number: 2  Frame:  <frame at 0x16c02c0, file 'main.py', line 67, code main>
  File "main.py", line 76, in <module>
    main()
  File "main.py", line 67, in main
    time.sleep(0.5)
Exit: Main
Traceback (most recent call last):
  File "main.py", line 67, in main
    time.sleep(0.5)
  File
"/home/charlieromano/Documents/Academico/CESE/Materias/OSApps/TP1_alumnos/UDP_Sockets/my
Signals.py", line 10, in myHandler
    raise Exception("Exit service")
Exception: Exit service
```

During handling of the above exception, another exception occurred:

```
Traceback (most recent call last):
  File "main.py", line 76, in <module>
    main()
  File "main.py", line 72, in main
    j1.join()
  File "/usr/lib/python3.7/threading.py", line 1039, in join
    raise RuntimeError("cannot join thread before it is started")
RuntimeError: cannot join thread before it is started
```