UMME SALMA Gadriwala
PROGRAMMING ASSIGNMENT 2

1. Set up the following directory structure:
   a. Unzip tracker in /PA2/.
   b. Create directory, test1 in /PA2/test1.
   c. Create directory, test2 in /PA2/test2.
   d. Create a text file, t1.txt in test1 with content *t1*.
   e. Create a text file t2.txt in test2 with content *t2*.
2. Run the tracker in /PA2.
   `tracker 127.0.0.1 8080`
3. Run /src/fileSynchronizer.py in test1.
   `python fileSynchronizer.py 127.0.0.1 8080`
4. Run /src/fileSynchronizer.py in test2.
   `python fileSynchronizer.py 127.0.0.1 8080`
5. Check if both test1 and test2 contain both files t1.txt and t2.txt and their respective contents.

```
gadriwau@gadriwau-VirtualBox:~/Desktop/gadriwau/PA2$ tracker_linux/tracker 127.0
.0.1 8080
Waiting for connections on port 8080
```

```
gadriwau@gadriwau-VirtualBox:~/Desktop/gadriwau/PA2/test1$ python ../src/filesyn
chronizer.py 127.0.0.1 8080
Waiting for connections on port 8000
connect to: 127.0.0.1 8080
connect to: 127.0.0.1 8080
connect to: 127.0.0.1 8080
connect to: 127.0.0.1 8080
reading requested filename
t1.txt sent
connect to: 127.0.0.1 8080
receiving...t2.txt
connect to: 127.0.0.1 8080
```

```
gadriwau@gadriwau-VirtualBox:~/Desktop/gadriwau/PA2/test2$ python ../src/filesyn
chronizer.py 127.0.0.1 8080
Waiting for connections on port 8001
connect to: 127.0.0.1 8080
receiving...t1.txt
reading requested filename
t2.txt sent
connect to: 127.0.0.1 8080
```