

Tema 1

1. Utilizarea surselor

a. Server

```
vasile-VirtualBox temal # python3 server.py --help
usage: server.py [-h] -c CONN_TYPE

Server homework1

optional arguments:
  -h, --help            show this help message and exit
  -c CONN_TYPE, --conn_type CONN_TYPE
                        connection type can be TCP or UDP
```

b. Client

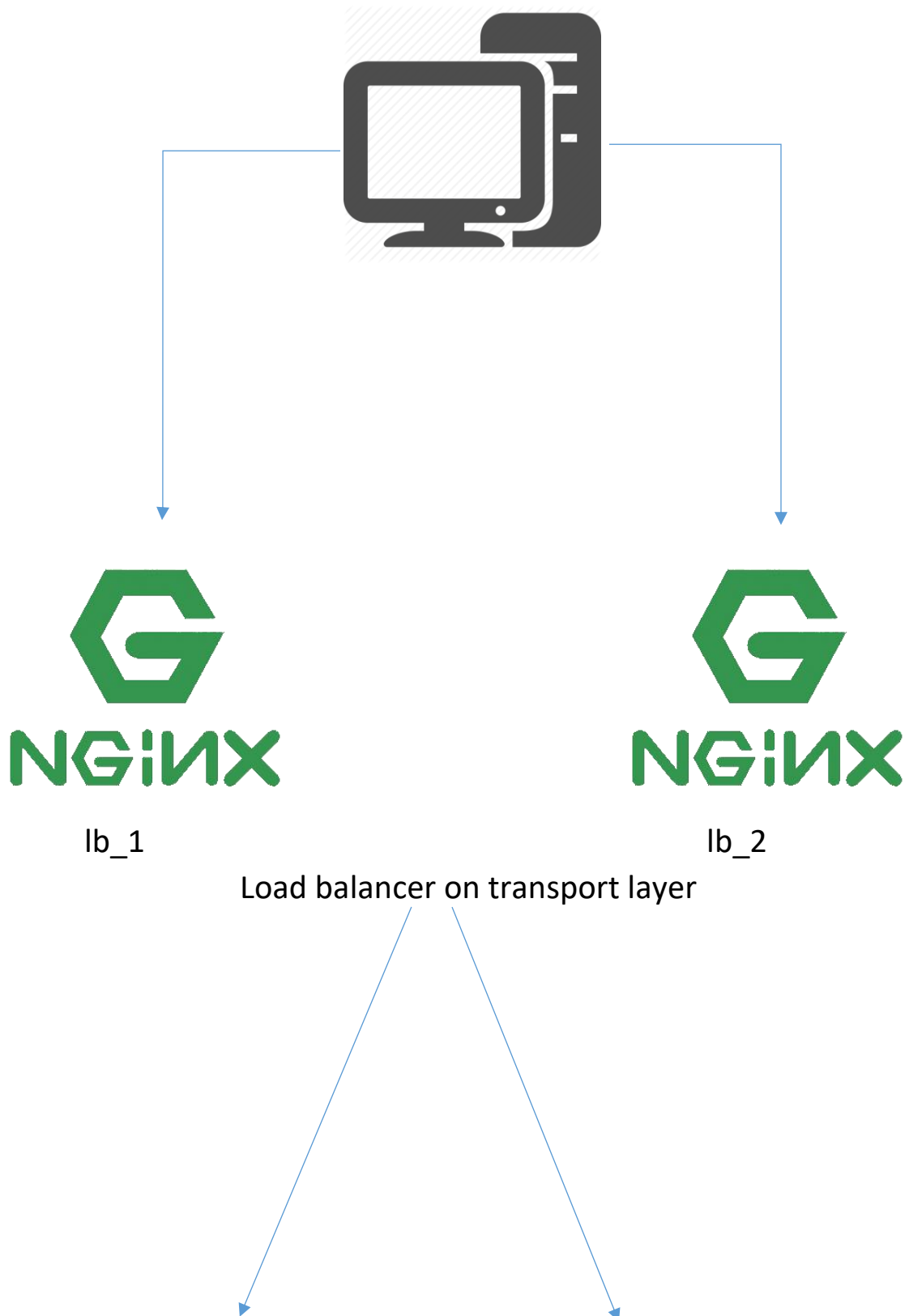
```
vasile-VirtualBox temal # python3 client.py --help
usage: client.py [-h] -c CONN_TYPE -ip IP_ADDRESS -p PORT -t TRANSFER_MODE

Client homework1.

optional arguments:
  -h, --help            show this help message and exit
  -c CONN_TYPE, --conn_type CONN_TYPE
                        connection type can be TCP or UDP
  -ip IP_ADDRESS, --ip_address IP_ADDRESS
                        ip address of server
  -p PORT, --port PORT  ip address of server
  -t TRANSFER_MODE, --transfer_mode TRANSFER_MODE
                        0 --> stream; 1 --> send_and_wait
```

2. Modelarea “multi-tier”

client





cluster_1



cluster_2

3. docker-compose up --- and we are happy ^_^