To run the proxy server type:
>> cd proxy
>> python proxy.py

To run internal server:
>> cd server
>> python server.py {mention port number here}

To send request to a server through the proxy type:
>> curl --request GET --proxy 127.0.0.1:20100 --local-port 20000-20099
127.0.0.1:{SERVER_PORT}

The list of ip addresses blocked are stored in proxy/blacklist.txt
The authentication details are stored in proxy/auth.txt

To access blacklisted sites:
>> curl --request GET -u {username}:{password} --proxy 127.0.0.1:20100 --local-port
20000-20099 127.0.0.1:{SERVER_PORT}