



You have 3 clients in a LAN. Each of these computers has two programs running, Youtube and Spotify. The programs use the same ports on the client machines. Both services are being run on the same server. Answer the following questions:

1. Build the NAT tables for routers R1 and R2. You can choose the port numbers for the routers.
2. Give the source and destination IPs and port numbers (sockets), for points 1-10 in the transmission. There are two sockets for each numbered point 1-3 and 8-10, and there are 6 sockets for each numbered point 4-7.
3. How does the server distinguish between the 3 machines? What are the sockets on the server side?