Question 1

❖ What is the difference between VPN and Proxy? Which one should we go for if we want to have privacy strictly?

- Encryption: VPN(Virtual Private Network)s hide not only a user's private IP address but all of their web activity in terms of the websites they've visited. Proxy servers, on the other hand, only hide a single website or app, so they're not nearly as comprehensive.

- Selling data: Most proxy servers are free, and to make up for this lack of charge, many will sell user data to advertisers. Most VPNs on the other hand are paid and do not log or share user traffic data.

- Paid vs. free:While there are many free VPNs options available, the majority have limits on how much data you can use per day, how many servers you can switch to, and more. For most people, it makes sense to invest in a paid option, whereas the majority of proxy servers are free.

- Coverage: While VPNs encrypt all of a user's web activity, no matter the website or app, proxy servers only hide one website or app at a time.

✓ VPN is the better choice if we want to have privacy strictly.

Question 2

❖ Can a Server act as a Client?

- The server can act as a client for example a server of FB can send a request to Google servers. The client and the server are always decoupled. If we want to change the UX alone we shall change the client code alone w/o the server code unaffected.