**Proxy**

Assume that Clients are not allowed to communicate directly with Special servers.

The Clients request the Proxy for such facility by providing the Special server number.

The Proxy connects to the corresponding Special server on behalf of the client and

mediates the communication as Client🡨🡪 Proxy 🡨🡪Special server.

The Proxy handles all connections of the Special server with a single separate thread i.e. five threads for five Special servers.

Assume that Proxy knows the address details of all Special server processes and all processes are in different computer systems (see figure).

Proxy also provides two services on its own.

Implement **Proxy, Special Servers** and a **Client process** using BSD sockets

