Psuedocode for project 1

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while *Line left in input* **do**
    if *RS server sends A record* **then**
        | **return** A Record from RS server;
    else
        Ask TS server;
        return Record sent from TS server;
    end
end

Algorithm 1: Client Psuedocode

while *Client Does not send close message* **do**
    Take message;
    if *Message in records* **then**
        | **return** Corresponding Record;
    else
        | **return** message + " - Error:HOST NOT FOUND";
    end
end

Algorithm 2: TS Psuedocode

while *Client Does not send close message* **do**
    Take message;
    if *Message in records* **then**
        | **return** Corresponding Record;
    else
        | **return** NS record;
    end
end

Algorithm 3: RS Psuedocode