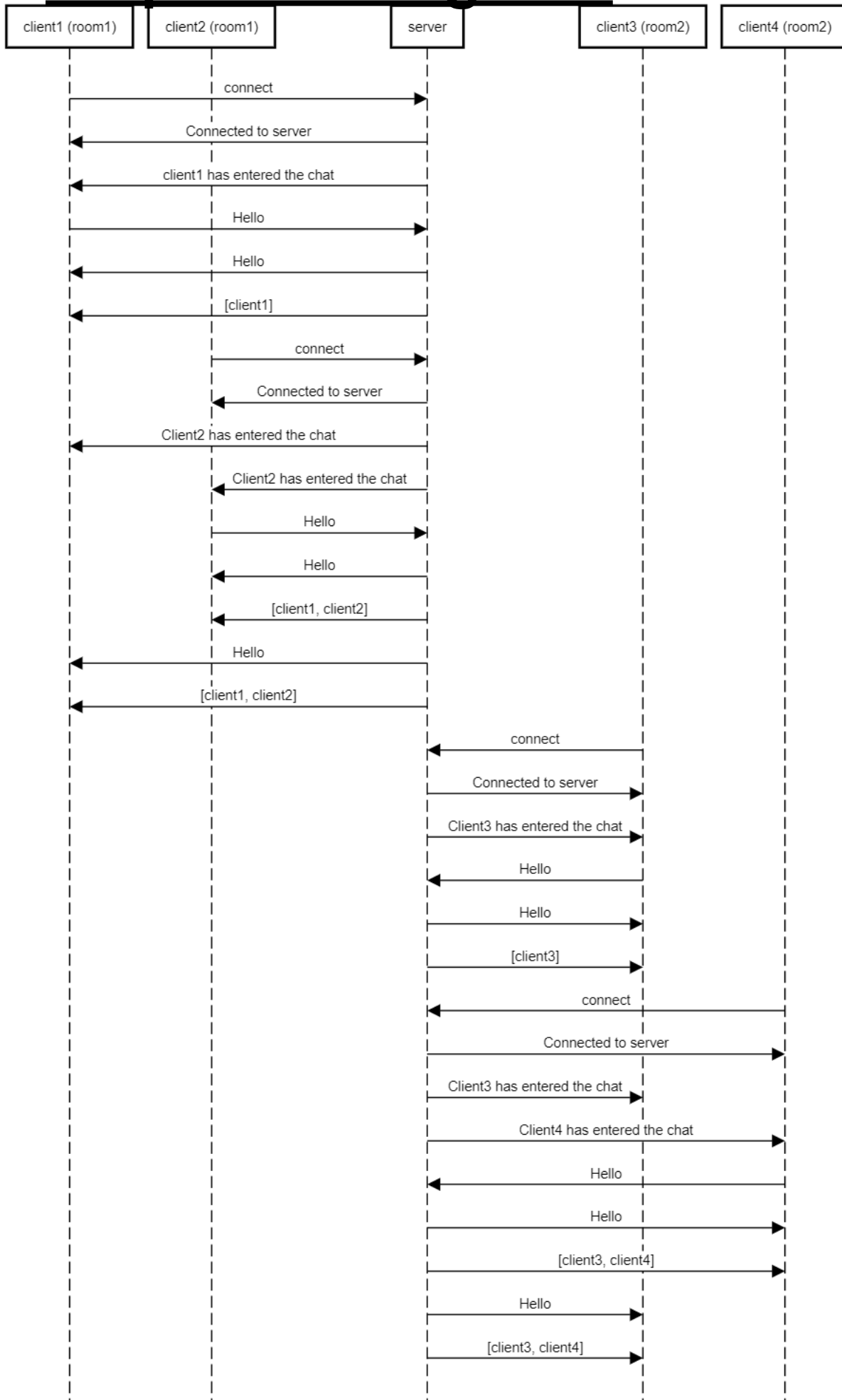


Sequence Diagram: Chat Room



Verbal Protocol Explanation:

the protocol is pretty basic. it consists of five parts. the first four bytes is the length of the message that needs to be sent. The next part is the message itself. Next, there is one byte representing the room the message is sent from. the next 4 bytes are the length of the username. Last is the username of the user who sent the message. for example, 0002hi10005becky would send hi to room one from a user named becky. another example is 0005hello40003guy which would send hello to room four from a user named guy. it should be noted that sometimes a message is sent from the server to one user in which the room will be zero and the name will be server (0019Connected to server00007server).