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The first question is to exercise one way socket communication, from server to client. The socket communication is over a port that is not being currently used, I chose 6017 as suggested. The QuoteServer starts by creating a connection on that socket and the accept() function creates a new socket descriptor with the same properties as socket and returns it to the caller. Then, we define a printwriter to then send the message to the client server and close the socket at that port. We can see when we run the code that the client is able to receive the packets of information from the server at the open port via the input stream reader and the bufferedreader, in this case a simple quote of the day string. The server, in this case, sends packets of information to the client as opposed to question 2 where the echo servers send packets both directions in order to echo the message.

The second question is to demonstrate the two way client to server relationship. Information sent from server to client is relayed back, this creates a so called "echo" that loads data from buffer to the input stream. This echo demonstrates the two way socket communication stream that is the bases for sending packets of information across a server to client relationship. Thank you