Consider the TCP session as shown above. Sender A (left side) is connecting to Sender B (right side). After opening the connection, the sender A is sending a text string to sender B. Please use your first name for the data sent in this step.

After getting an acknowledgement of this, sender A next sends your last name to sender B. After that is acknowledged, sender A sends your blazerID to sender B. Afterwards, sender B sends the string hello (without quotes) to sender A, and sender A sends goodbye (without quotes) to sender B. Then the connection is closed, as shown in the diagram.

Assuming both sender A and sender B starts with the initial sequence number of 0, please show the 15 step packet exchange along with the sequence number, ack number, and either the data content of the packet or the type (SYN/FIN/ACK) of the packet. Use the table format shown on page 398 of the textbook.

A	B
Seq – 0 **SYN →**	
	← Seq – 1, Ack – 0 **SYN+ACK**
Seq – 1, Ack – 1 **ACK →**	
Seq – 1, Ack – 1 **"heet" →**	
	← Seq – 1, Ack – 5 **ACK**
Seq – 5, Ack – 1 **"shah" →**	
	← Seq – 1, Ack – 9
Seq – 9, Ack – 1 **"hshah2" →**	
	← Seq – 1, Ack – 15 **"hello"**
Seq – 15, Ack – 6 **"goodbye" →**	
Seq – 22, Ack – 6 **FIN →**	
	← Seq – 6, Ack – 22 **ACK** **(Crossing Pcks)**
	← Seq – 6, Ack – 23 **ACK**
	← Seq – 6, Ack – 23 **FIN**
Seq – 23, Ack – 7 **ACK →**	