**ANGULAR 4 CLIENT OF EXPRESS.JS SOCKET.IO SERVER**

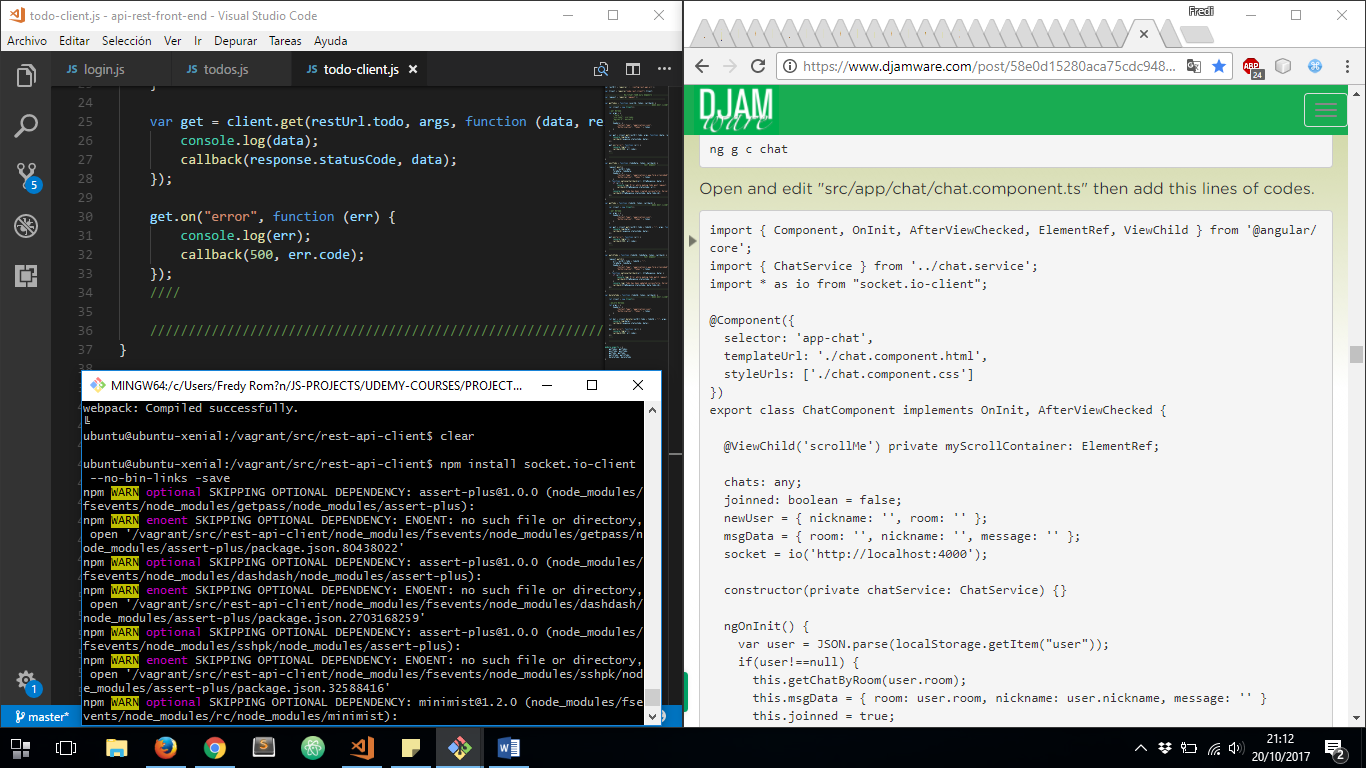
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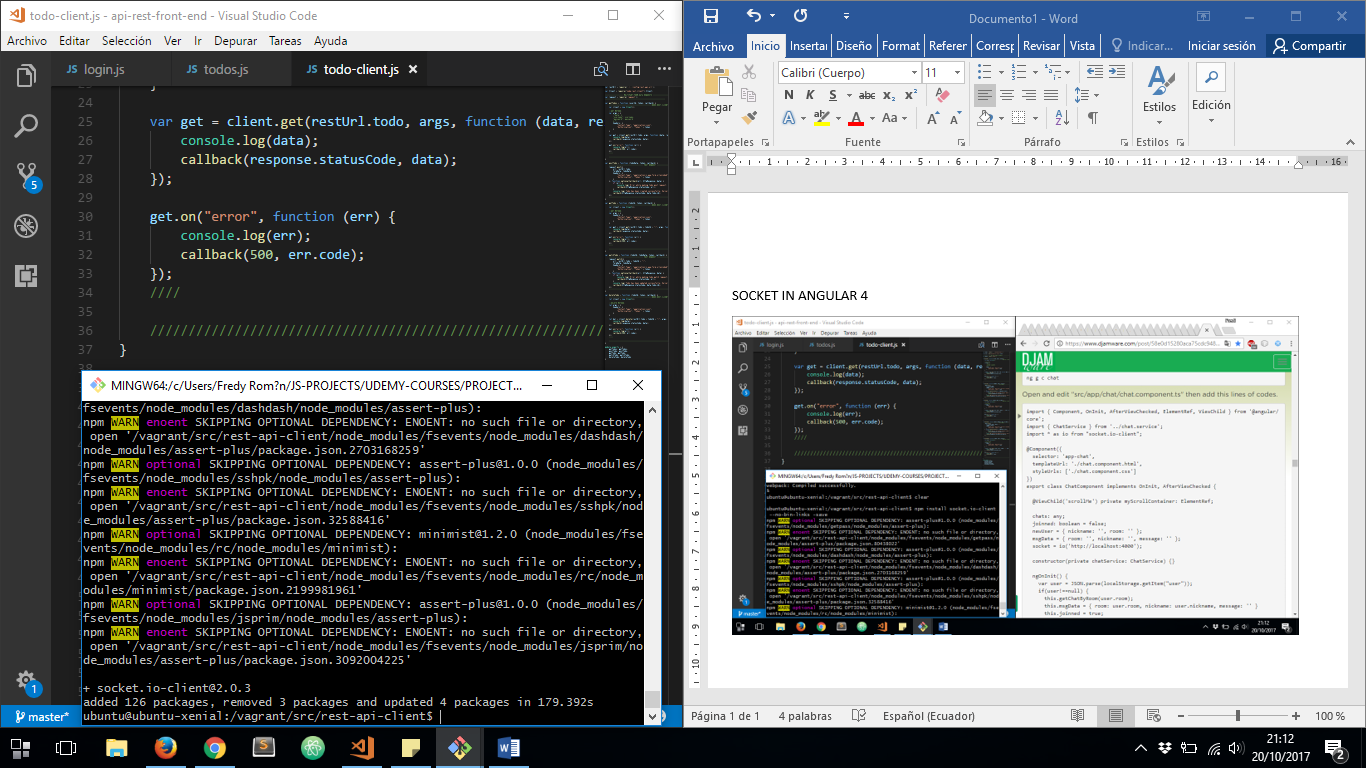
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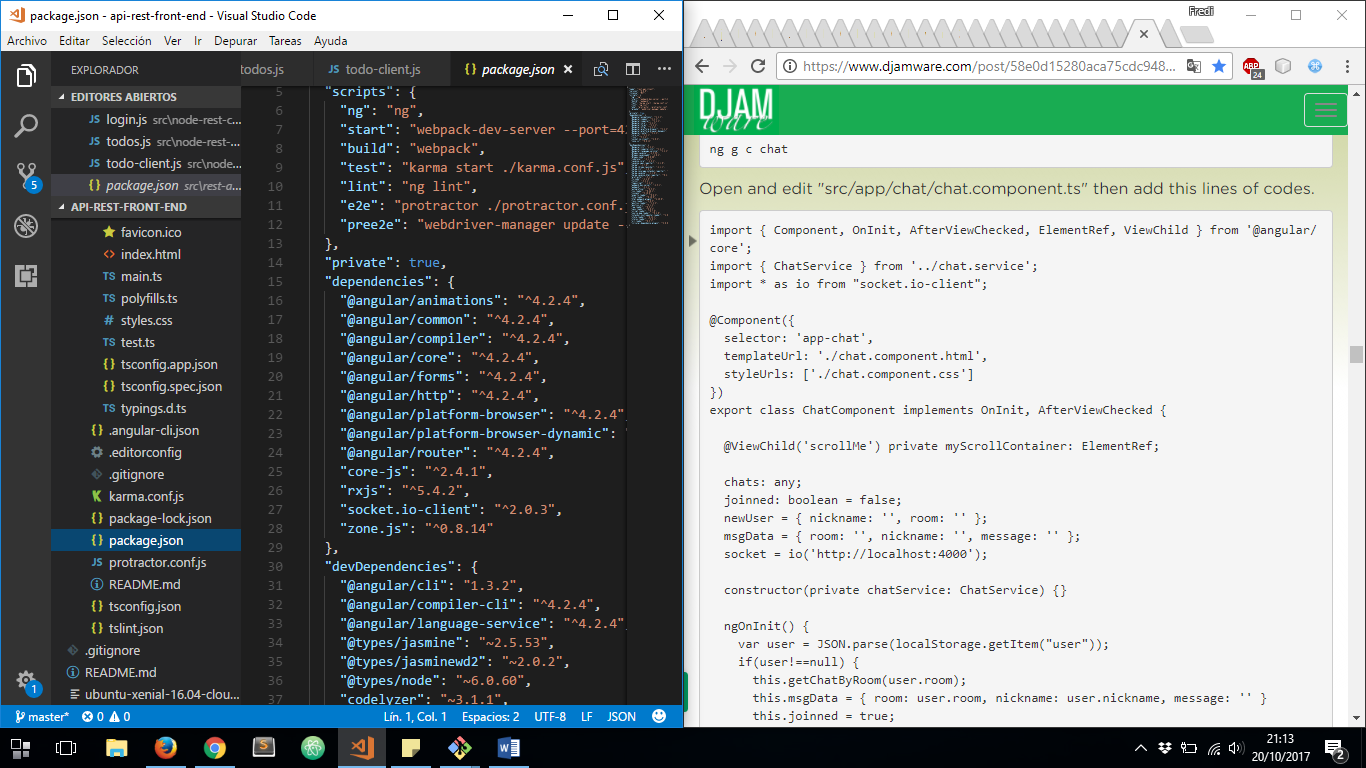
IN ORDER TO CONNECT OUR ANGULAR 4 FRONT-END WITH EXPRESS.JS SOCKET.IO SERVER, WE HAVE TO FOLLOW NEXT INSTRUCTIONS:

ANGULAR 4 CLI PROJECT:

1. INSTALL SOCKET.IO CLIENT: ***npm install socket.io-client –no-bin-links –save***

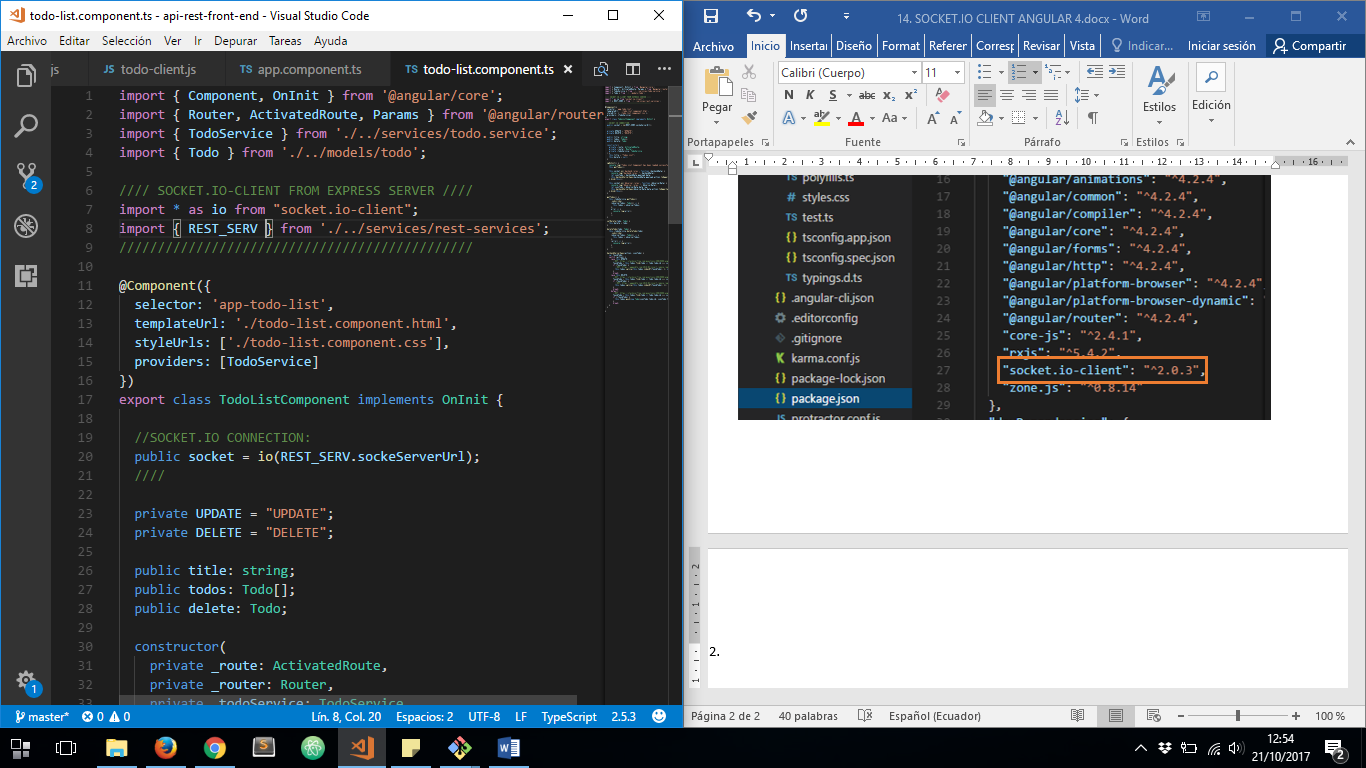




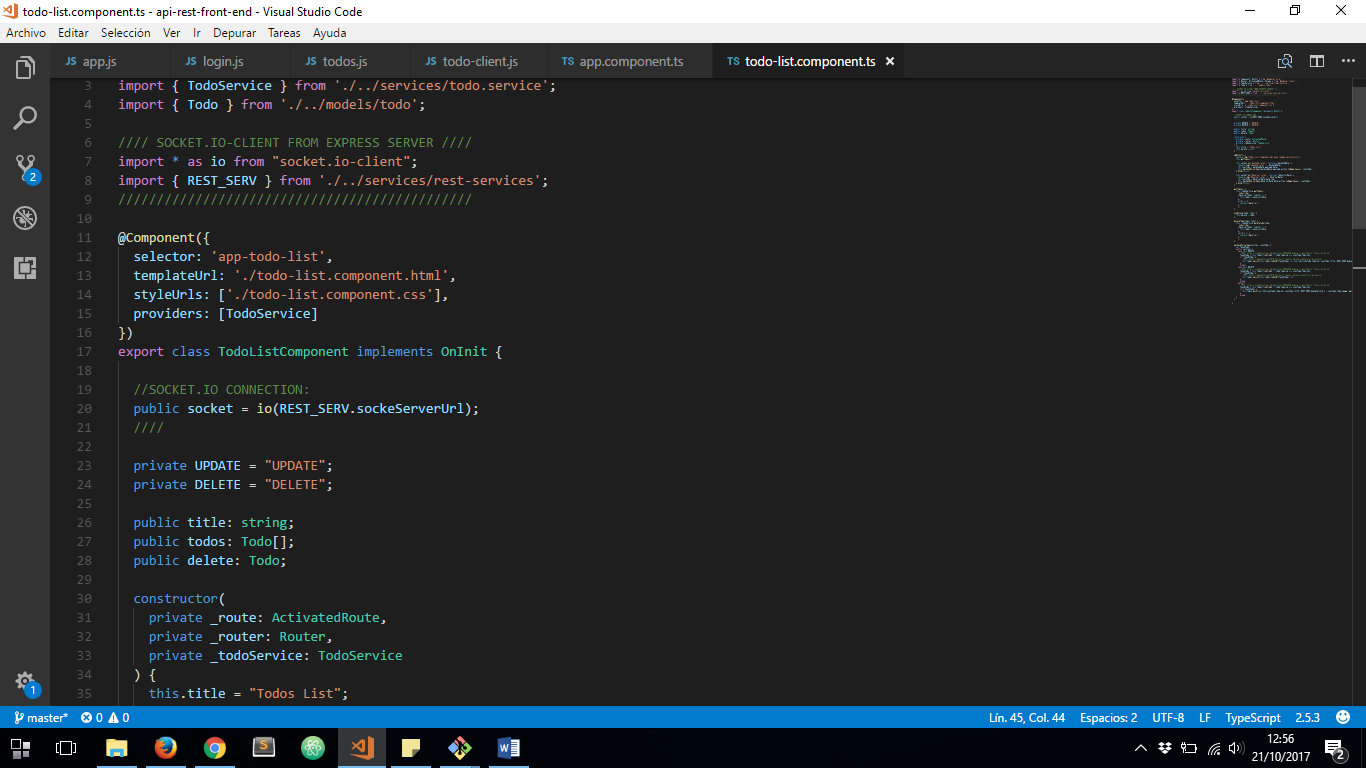


1. THEN, WE ARE READY TO USE ***socket.io-client*** MODULE ON OUR COMPONENT:

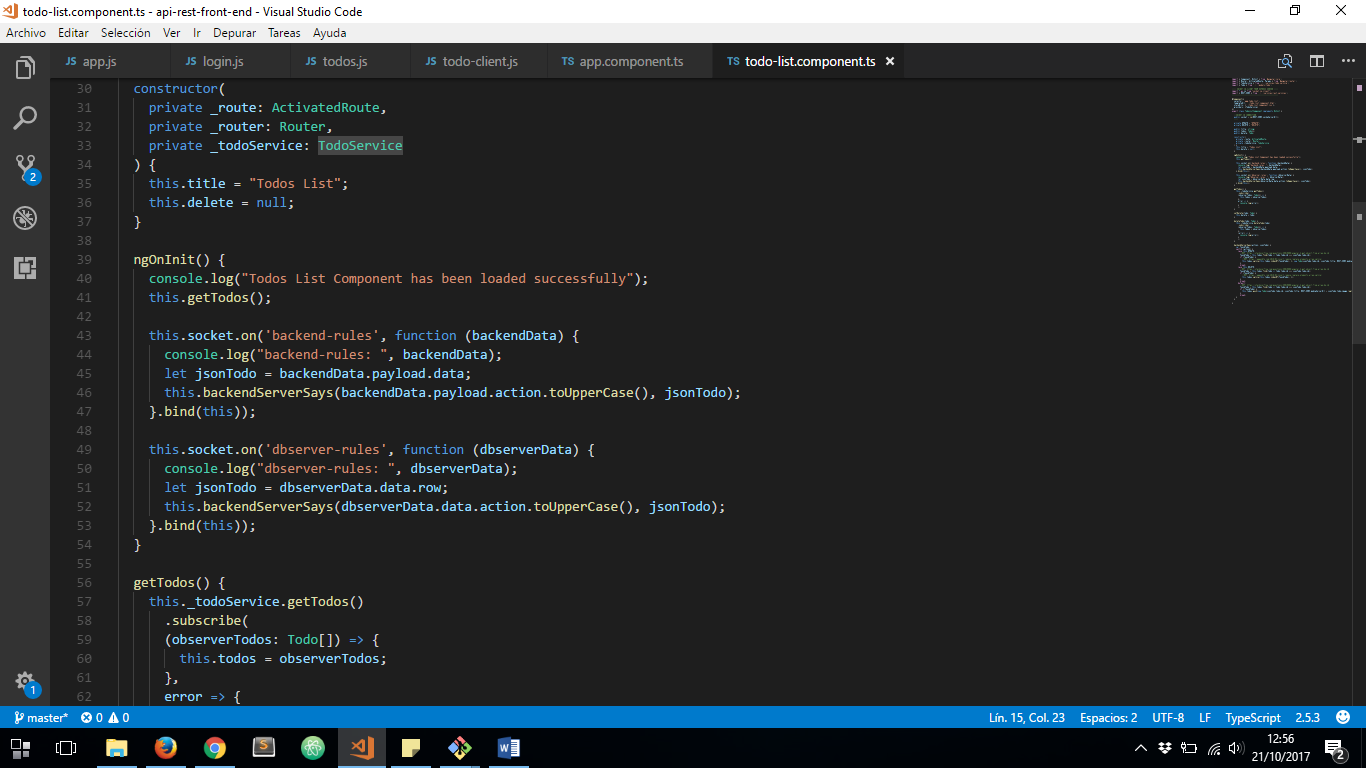
IMPORTING NPM MODULE ON ANGULAR 4 COMPONENT



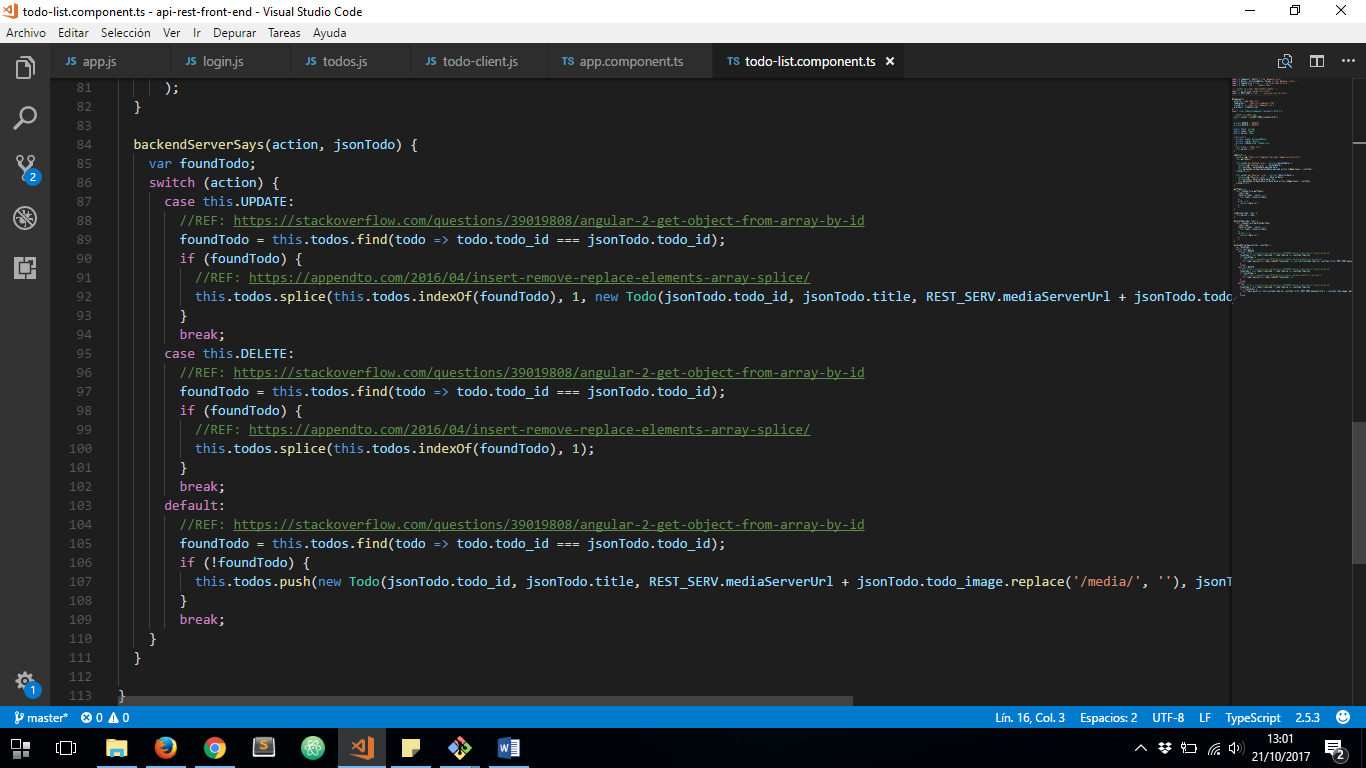
ESTABLISHING SOCKET.IO CONNECTION:



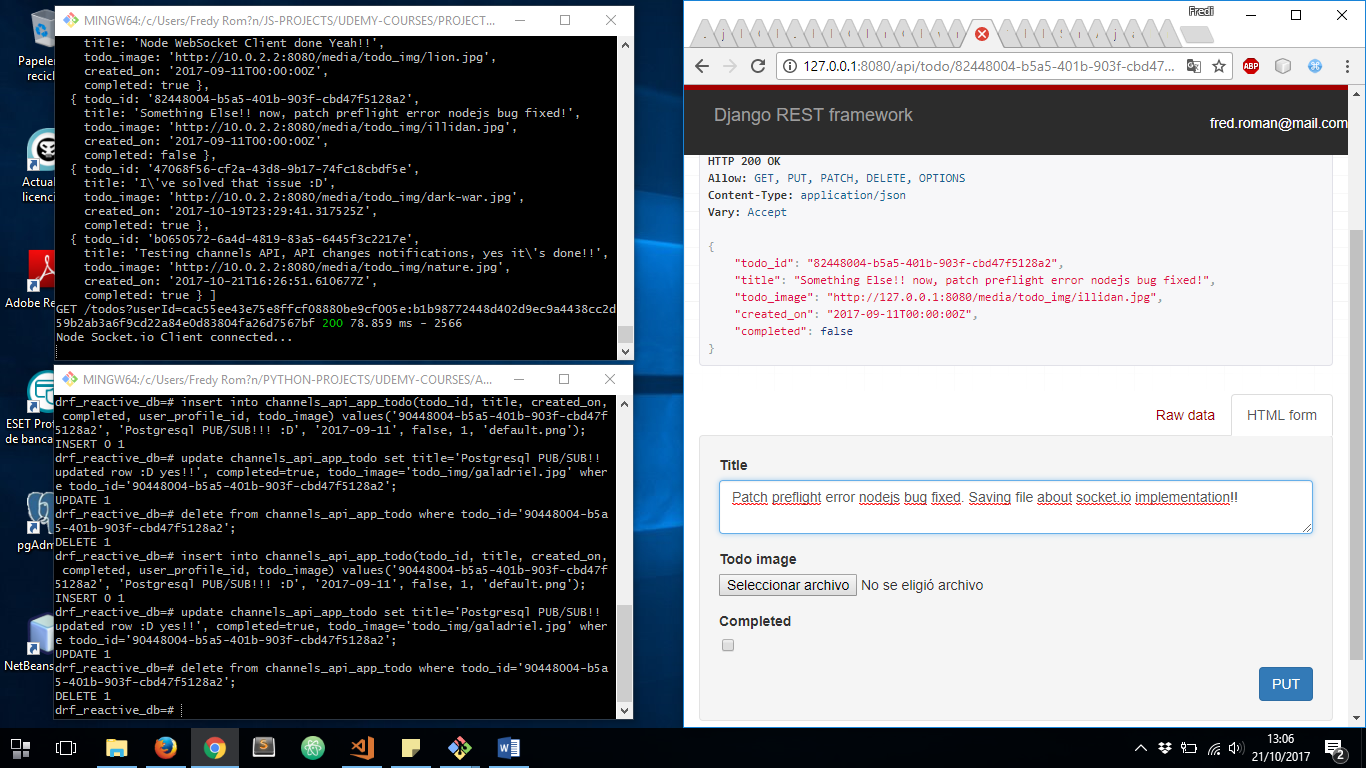
CATCHING BACKEND SERVER NOTIFICATIONS (POSTGRESQL PUB/SUB AND REST API CHANGES) ON FRONT END THROUGH EXPRESS.JS MIDDLEWARE SERVER:



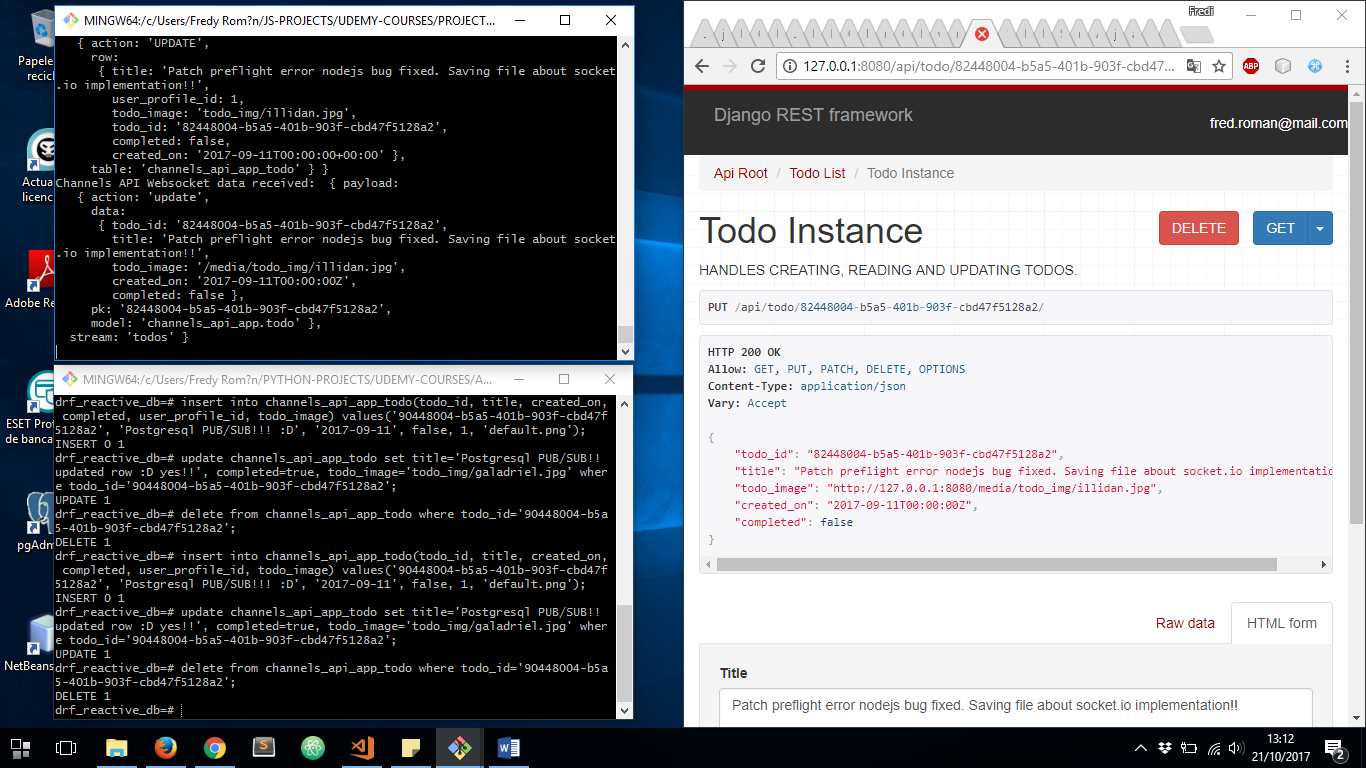
HANDLING COMMING DATA TO SHOW ON USER INTERFACE:



NOW LET’S TRY IT, MAKE SURE ALL SERVERS ARE RUNNING. LET’S MAKE CHANGES IN OUR DJANGO REST FRAMEWORK API DIRECTLY:



NOW SEE HOW NOTIFICATIONS COME FROM DJANGO CHANNELS WEBSOCKET TO EXPRESS.JS WEBSOCKET CLIENT:



AND NOW LET’S SEE HOW SOCKET.IO NOTIFICATIONS COMMING FROM EXPRESS.JS MIDDLEWARE SERVER TO OUR FRONT-END CLIENT:

