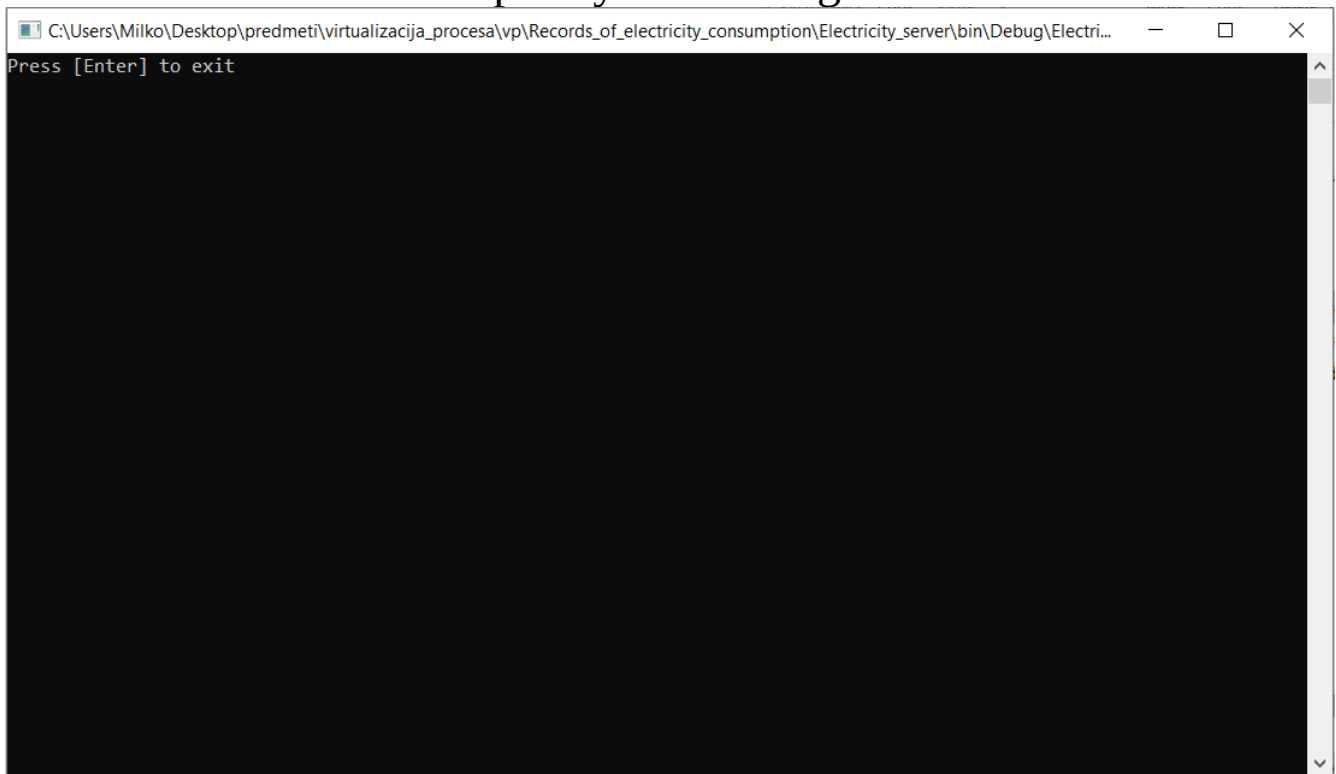


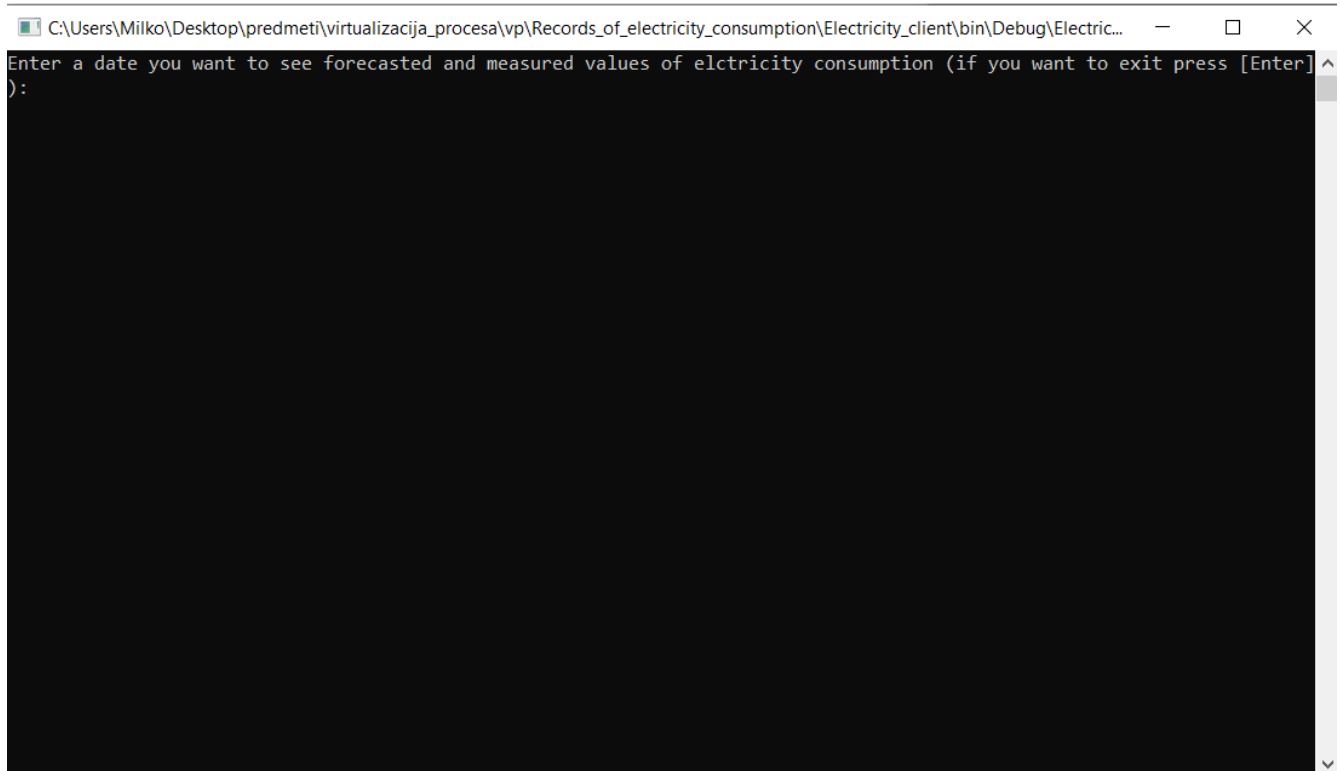
# User manual

In this user manual, you will learn how to use this Records\_of\_electricity\_consumption desktop application. You can run this app from a sln file, or You can go to the bin folder and run it from Debug subdirectory. If You want to run it from the Debug subdirectory, You have to run the server first. In order to do that, go inside Electricity\_server folder, then select the bin folder and press it. Once You're inside the bin folder, go to the Debug folder, and double click on Electricity\_server.exe file, or right click on it and press the Enter button on your keyboard. And this is how you run the server. When the server opens you should get a window like this



Now, repeat that same process for client application that you'll be using, but instead of Electricity\_server folder go to

the Electricity\_client folder and in the Debug subdirectory run Electricity\_client.exe file on you PC. You should get a window that looks like this



This is the window you'll work on. Here you have to enter a date that you want to see forecasted and measured values of electricity consumption, and a format of date has to be yyyy-MM-dd where yyyy is 4 digit year number, MM is 2 digit month number and dd is 2 digit day number. If you enter an invalid text or invalid date, you will be given a chance time and time again until you get it right. Once you enter the right date, client application will display all information about that date if it exists in the database, if it doesn't exist in the database server will let you know by sending you a message 'There is no data for [that] date in the database'. Database is located in the load\_tables directory, and load\_tables directory is in the same folder as solution file. You can see all the data

for measured and forecasted values of electricity consumption per date, every table represents one date, and every row in that table represents one hour of that date. This is the place where all data is read from. If the date you were looking for doesn't exist in the database, table for that database will get created and second time you ask for that date, all the newly created data for that date will be displayed to you. Every time you get data for the date that you have asked for the first time, that data will be written in csv file that is in the same folder where solution file is. You can read that data by opening that csv file in whatever application it can be opened.