HW10 writeup:

Part 1:

In this assignment we are sending a message from the client to the server.

We send a Message in our case “AAA” to see where it is stored.

We then calculate that the overflow buffer size is 40 and we send the string with the overflow buffer size and then we are able to reach the secret function.

All as shown in the images below.

Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, application, Word

Description automatically generatedGraphical user interface, application, Word

Description automatically generatedGraphical user interface, text, application, Word

Description automatically generatedGraphical user interface, text, application, Word

Description automatically generatedGraphical user interface, text, application, Word

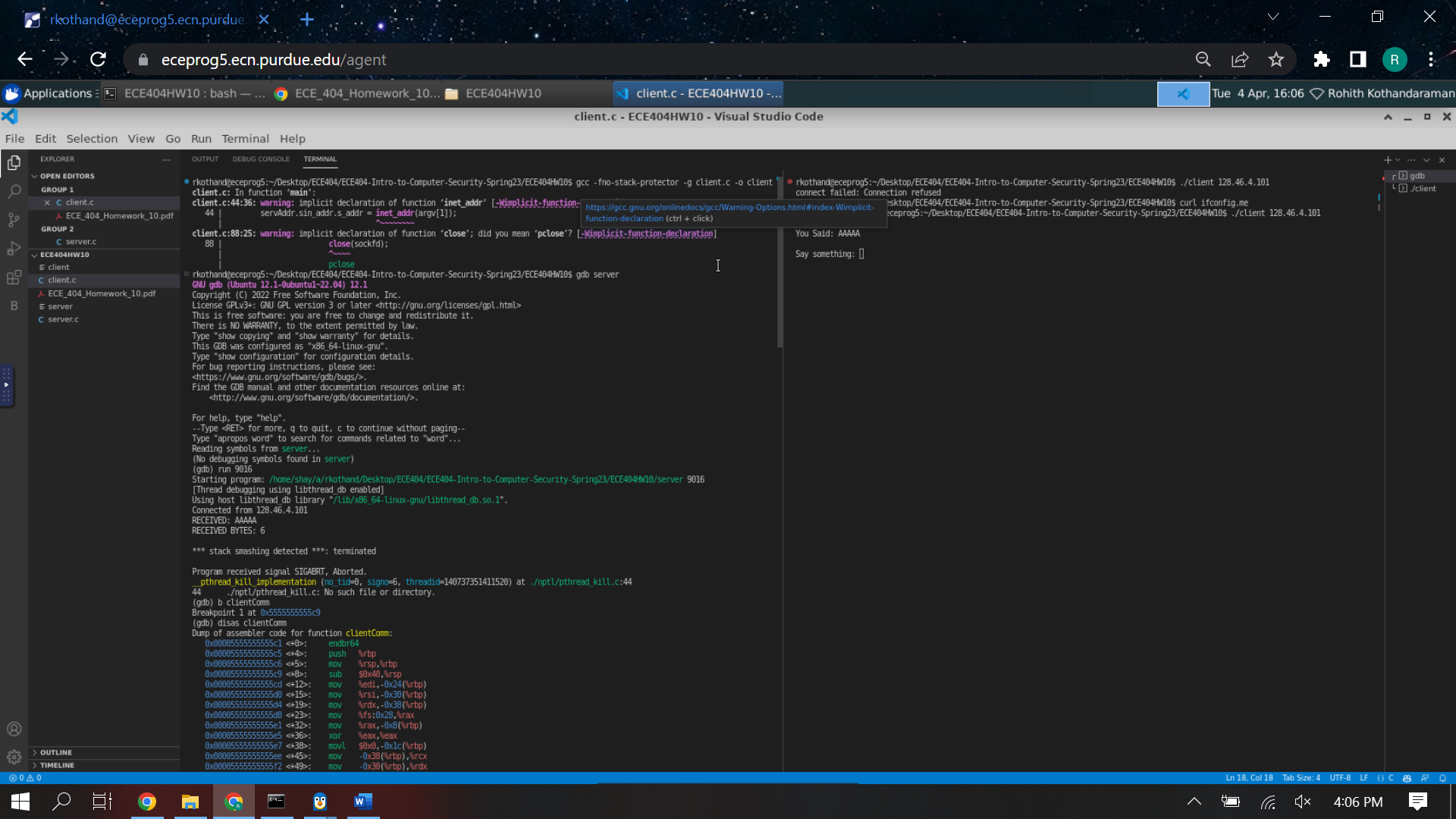
Description automatically generated

Part 2:

In this part we change strcpy to strncpy so that it only copies within the limit of MAX\_DATA\_SIZE

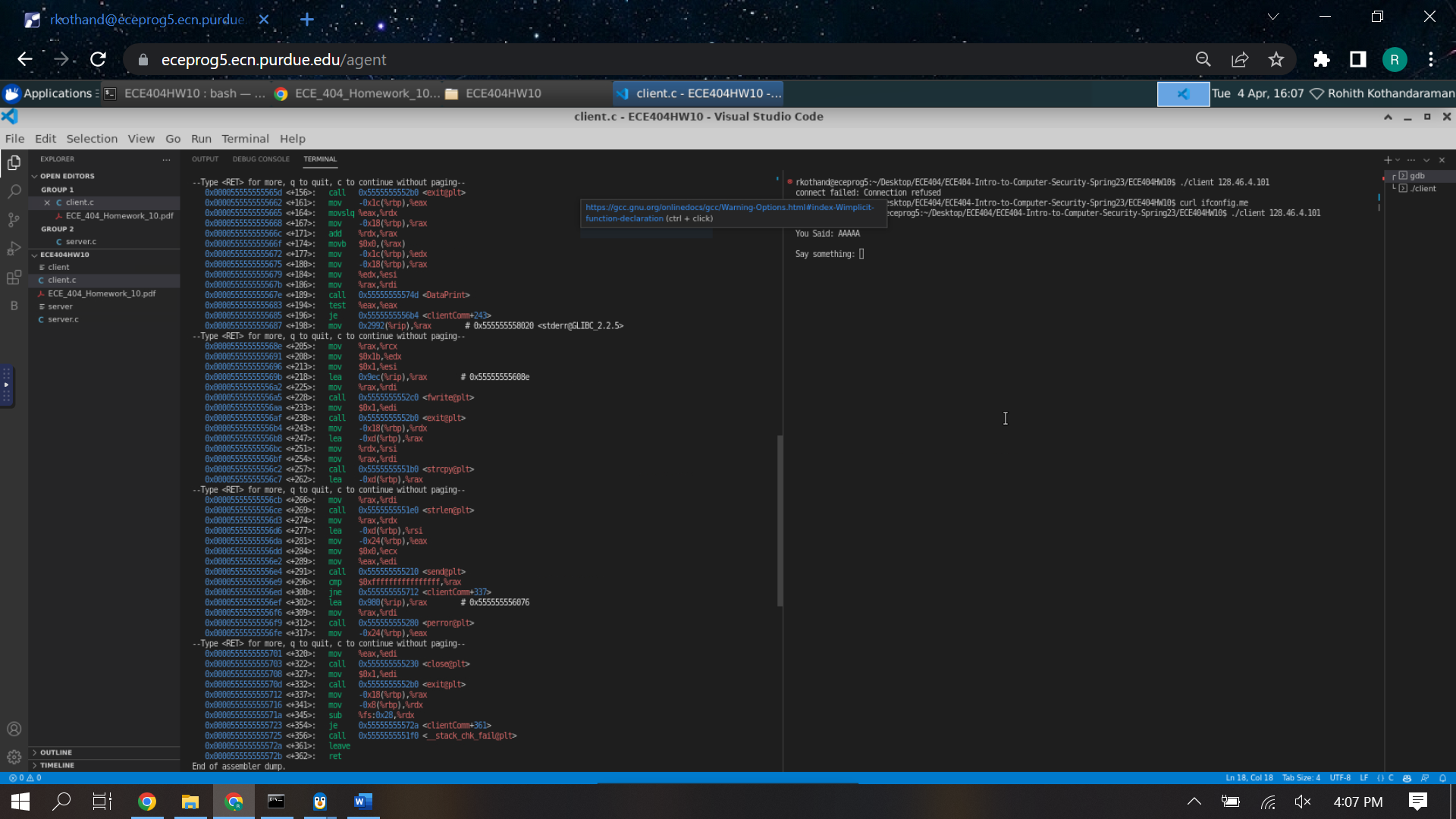
A screenshot of a computer

Description automatically generated with medium confidence



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated