

Echo client... echo client... echo client...

Goal

Develop a Python client that connects to an echo server. Your client will take a message from the user as input, send this message to the server, and display the server's echoed response.

Background

Echo servers are simple yet powerful tools for testing network communication. They work by sending back any received messages to the sender, unchanged. In this exercise, you'll create a client that sends a user-provided message to such a server.

Prerequisites

- Python version 3.11.9 and above

Instructions

Task 1 Running the Echo Server

1. Download the server `echo_server.pyc`.
2. From the command line, execute the command

```
python echo_server.pyc
```

Hint: if you are having issues running the pyc file due to python version difference, you can try running the attached `echo_server.exe` file instead.

Task 2 Python Client

3. Write a Python Script that:

- Gets a message from the user, using **input**
- Connects to the echo server via port 5000
- Sends the message (input from above) to the echo server
- Receives the server's response and prints it on console

To submit

Submit your code in a python script named "echo_client.py"

