Hello From The Other Side
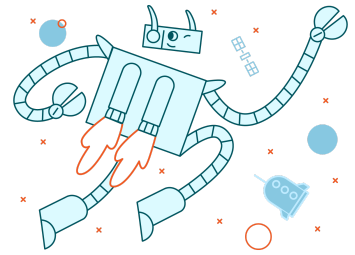
Goal

Develop a Python server that listens for incoming connections and responds to clients with the message "Hello".

Background

Simple servers like this are great tools for learning basic network communication. They work by listening for incoming requests and responding with a predefined response. In this exercise, you'll create a server that responds to client messages with "Hello".

Tasks

1. Write a server that does the following:
    - Listens for incoming connections on port 5000
    - When a client connects, the server sends them the message "Hello" and then closes the connection
    - The server continues to listen for additional connections until it is closed (hint: while loop)

2. Run the server from the command line with the command `python hello_server.py`.

3. Test the behavior of the server by connecting to it with the client from the previous exercise. The server should respond with "Hello".

To Submit

The `hello_server.py` file containing the complete code for the server.

Sentinel