Hello over UDP (Server)

Problem description

You are tasked with building a simple UDP server that listens on IP 127.0.0.1 an d port 12345.

Your server should:

- Wait for an incoming UDP message.

- If the message content is exactly "Hello, Server!", it must respond to the cli ent with "Hello, Client!"

- For any other message, it should not respond.

Your task is to implement the UDP server that correctly handles client messages.

Input

The server receives input over the network (UDP packet). There is no input from stdin.

Output

The server prints the following to stdout when a message is received (without un it test):

Received from ('<ip>', <port>): <message>

where <ip> and <port> are the sender's address and <message> is the message cont ent as a string. Output with unit test is shown below:

```
Test handle_client_message ... Received from ('127.0.0.1', 54321): Hello, Server! sendto called with: call(b'Hello, Client!', ('127.0.0.1', 54321))
Test start_server ....
UDP server listening on 127.0.0.1:12345 ...
Received from ('127.0.0.1', 54321): Hello, Server!
bind called with: call(('127.0.0.1', 12345))
recvfrom called with: call(1024)
```

Implementation constraints

- Use the Python socket module and SOCK_DGRAM (UDP).
- The server must bind to 127.0.0.1 and port 12345.
 Use recvfrom() and sendto() for receiving and replying.
- Do not crash on unknown messages; just ignore them.
 Close the socket on termination (KeyboardInterrupt or loop break).