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CODE IMPLEMENTATION:

```
client.py
                                                                                                                                                                                                                                  client.py
           1# Python program imitating a client process
            from timett import default_timer as timer
from dateuttl import parser
import trading
import dateting
import socket
import inte
0
          9
10 ''|
11 Client thread function used to send time at client side
4 def startSendingTime(slave_client):
                while True:
    # Provide server with clock time at the client
    slave_client.send(str(datetime.datetime.now()).encode())
    print( "Recent time sent successfully", end = '\n\n')
    time.sleep(s)
              lient Thread function used to receive synchronized time
           7 def startReceivingTime(slave_client):
                while True:
    # Receive data from the server
    Synchronized_time = parse.parse(slave_client.recv(1024).decode())
    print("Synchronized_time at the client is: " + str(Synchronized_time), end = "\n\n")
         # Start sending time to server
print("Starting to receive time from server\n")
                                                                                                                                                                                                                                            Python ▼ Tab Width: 8 ▼ Ln 10, Col 4 ▼ INS
```





