Echo Server

This is an echo server: the server that echoes back all data it receives to a client that sent it.

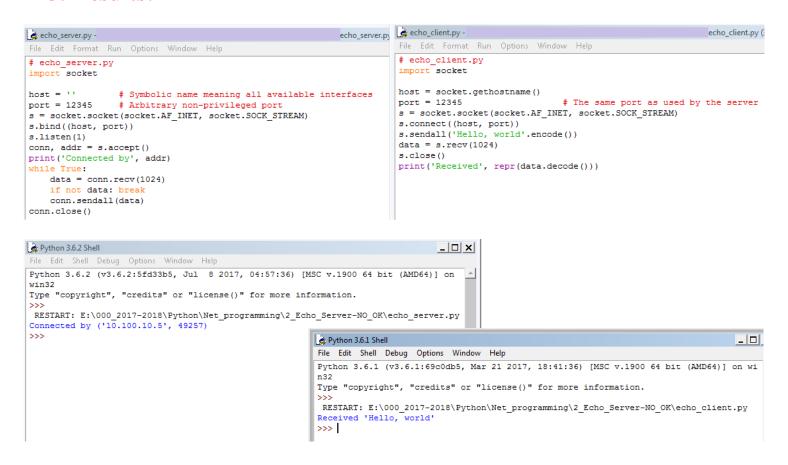
1. Server:

```
_ | 🗆 | ×
echo_server.py -
File Edit Format Run Options Window Help
# echo server.py
import socket
host = ''
                  # Symbolic name meaning all available interfaces
                # Arbitrary non-privileged port
port = 12345
s = socket.socket(socket.AF INET, socket.SOCK STREAM)
s.bind((host, port))
s.listen(1)
conn, addr = s.accept()
print('Connected by', addr)
while True:
    data = conn.recv(1024)
    if not data: break
    conn.sendall(data)
conn.close()
                                                               Ln: 17 Col: 0
```

2. Client:

Note that the server does not **sendall()/recv()** on the socket it is listening on but on the new socket returned by **accept()**.

3. Results:



Obs: Studentii sunt invitati sa peronalizeze solutia prezentata mai sus si sa includa in raportul laboratorului o prezentare similara sectiunii "Results" de mai sus