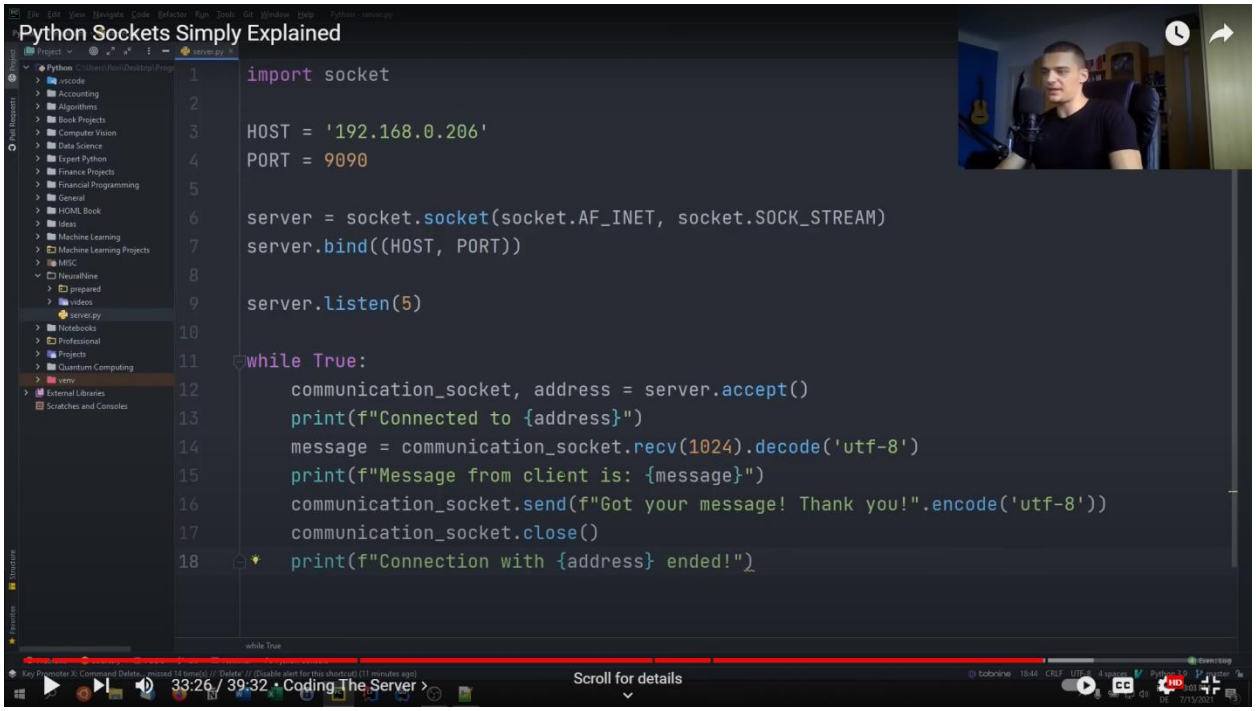
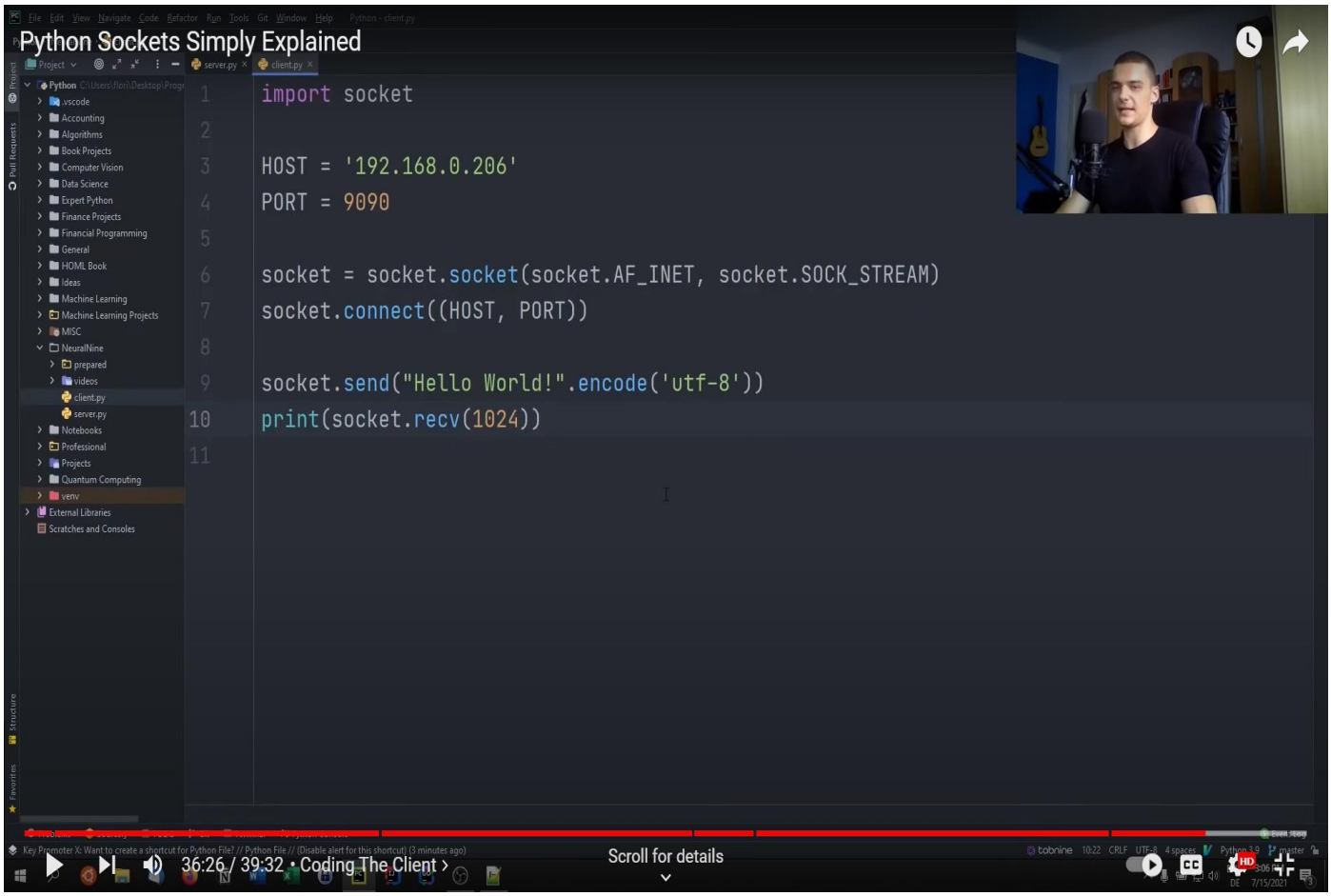
Credits - https://www.youtube.com/watch?v=YwWfKitB8aA

Socket Communication in Python

Server.py

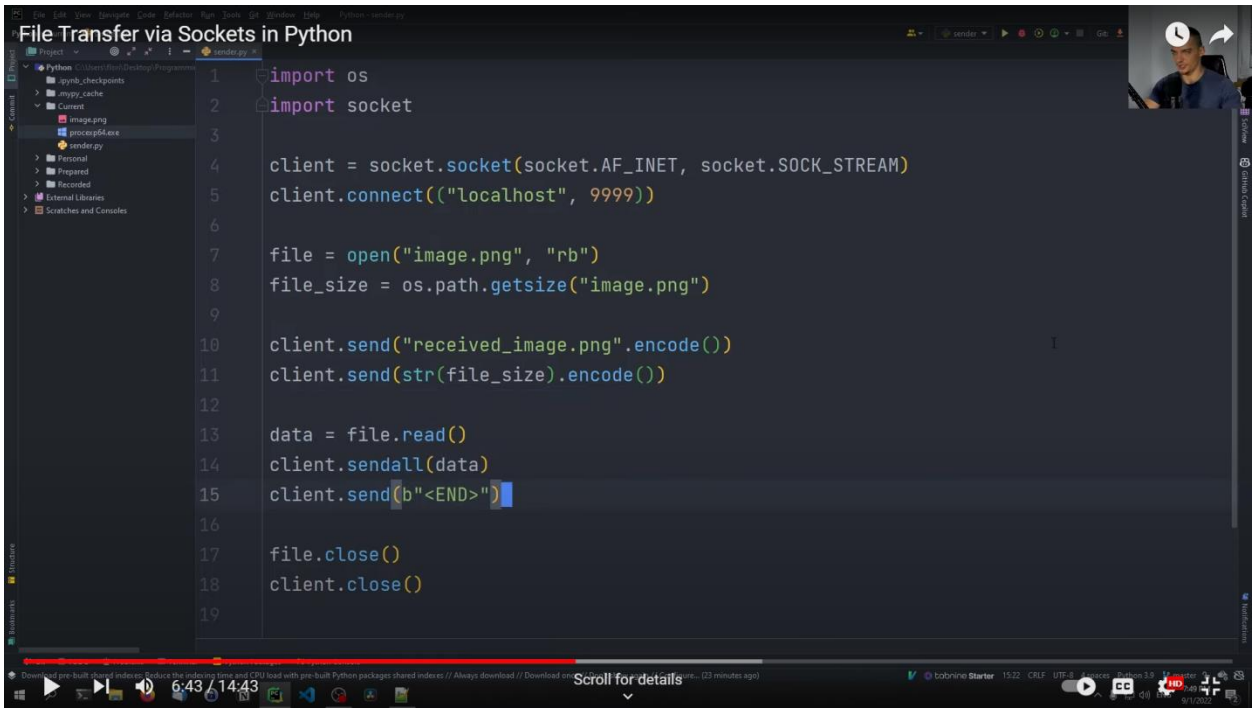


Client.py

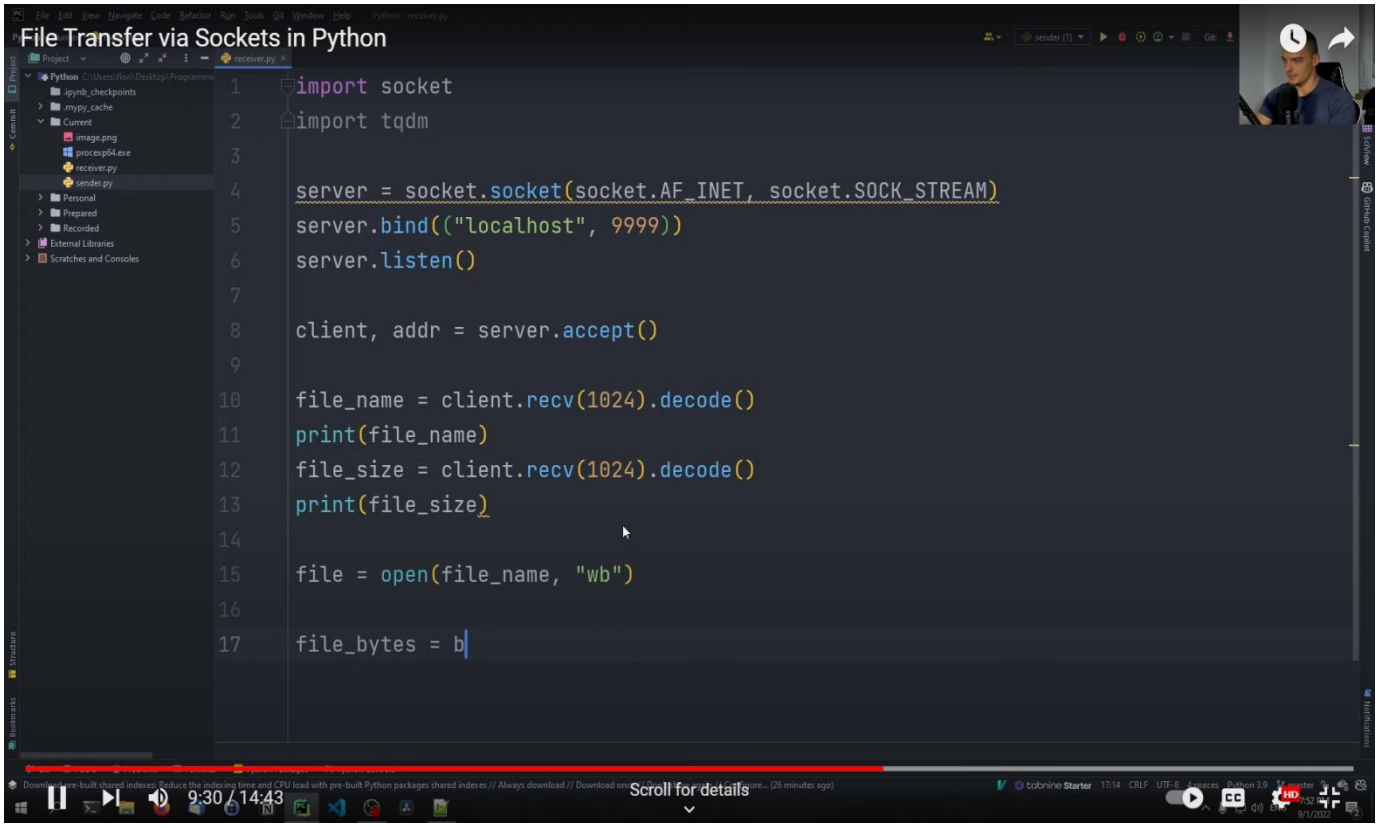

Python Sockets Simply Explained
import socket
HOST = '192.168.0.206'
PORT = 9090
socket = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
socket.connect((HOST, PORT))
socket.send("Hello World!".encode('utf-8'))
print(socket.recv(1024))
36:26 / 39:32 • Coding The Client ›
Scroll for details

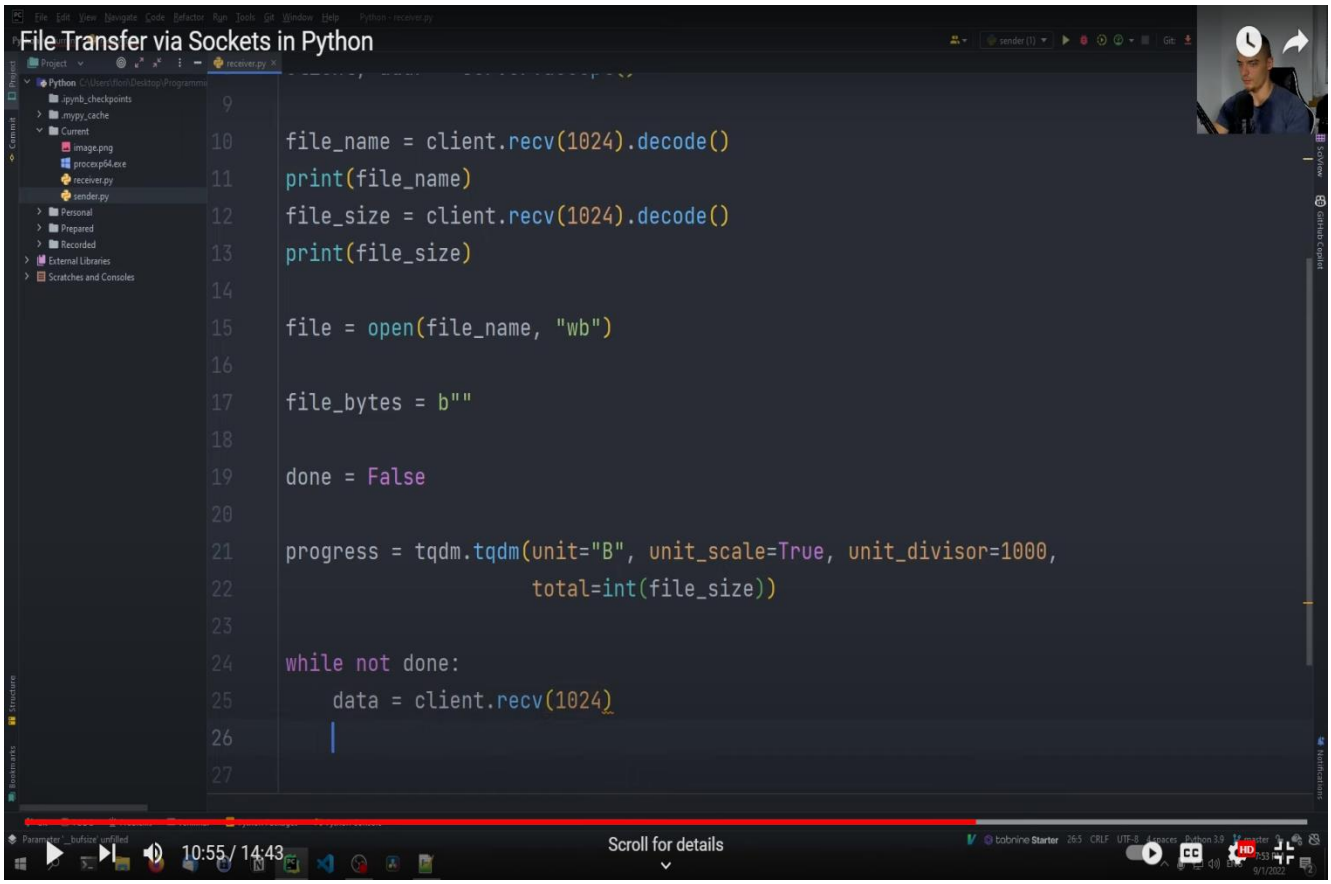
File Transfer via Sockets in Python

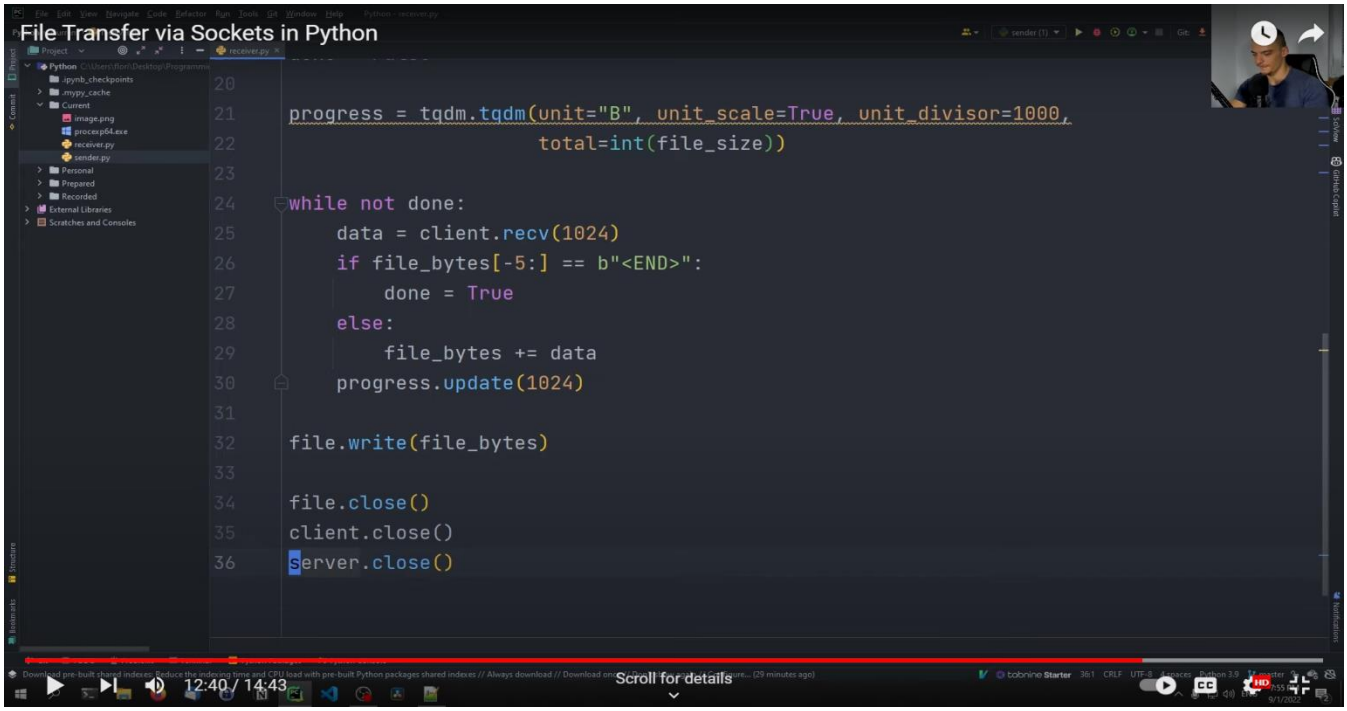
Sender.py



Reciever.py


File Transfer via Sockets in Python
import socket
import tqdm
server = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
server.bind(("localhost", 9999))
server.listen()
client, addr = server.accept()
file_name = client.recv(1024).decode()
print(file_name)
file_size = client.recv(1024).decode()
print(file_size)
file = open(file_name, "wb")
file_bytes = b
9:30 / 14:43
Scroll for details


File Transfer via Sockets in Python
file_name = client.recv(1024).decode()
print(file_name)
file_size = client.recv(1024).decode()
print(file_size)
file = open(file_name, "wb")
file_bytes = b""
done = False
progress = tqdm.tqdm(unit="B", unit_scale=True, unit_divisor=1000,
total=int(file_size))
while not done:
data = client.recv(1024)
10:55 / 14:43
Scroll for details


File Transfer via Sockets in Python
progress = tqdm.tqdm(unit="B", unit_scale=True, unit_divisor=1000,
total=int(file_size))
while not done:
data = client.recv(1024)
if file_bytes[-5:] == b"<END>":
done = True
else:
file_bytes += data
progress.update(1024)
file.write(file_bytes)
file.close()
client.close()
server.close()
12:40 / 14:43
Scroll for details