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import socket

s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
host = 'localhost'
port = 5300

s.bind((host, port))
s.listen(5)

print("Server is waiting for connection...\n")

while True:
    c, address = s.accept()
    print("Connected to client:", address)

    # Receive n and e
    data = c.recv(2048).decode('utf-8')
    n, e = [int(i) for i in data.split('\n')]

    print(f"Received public key from client: n={n}, e={e}")

    # Get message from server user
    m = int(input("Enter numeric message to encrypt: "))

    # Encrypt message
    k = (m ** e) % n

    print(f"Encrypted data sent is: {k}")

    # Send encrypted message
    c.send(str(k).encode('utf-8'))

c.close()
```