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**Date**: 03/03/2023

**Socket Programming 1-Class Example**

ssh [jeremyvuong@ecs-pa-coding1.ecs.csus.edu](mailto:jeremyvuong@ecs-pa-coding1.ecs.csus.edu)

teminal#1 🡪 python server.py

terminal#2 🡪 python client.pyText

Description automatically generated

Text

Description automatically generated with medium confidence

**server.py code**:

from socket import\*

serverPort = 12208

serverSocket = socket(AF\_INET, SOCK\_DGRAM)

serverSocket.bind(('', serverPort))

print 'The server is ready to receive'

while 1:

message, clientAddress = serverSocket.recvfrom(2048)

modifiedMessage = message.upper()

serverSocket.sendto(modifiedMessage, clientAddress)

**client.py code**:

from socket import\*

serverName = '127.0.0.1'

serverPort = 12208

clientSocket = socket(AF\_INET, SOCK\_DGRAM)

message = raw\_input('Input lowercase sentence:')

clientSocket.sendto(message,(serverNmae, serverPort))

modifiedMessage, serverAddress = clientSocket.recvfrom(2048)

print modifiedMessage

clientSocket.close()