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File: server.py
import socket
import hashlib
import time
import math
s = socket.socket()
s.bind(("localhost", 8888))
s.listen(5)
while True:
     c, addr = s.accept()
     print "Connected to client ", addr
     message = raw_input("Enter message: ")
     hashObject = hashlib.sha1(message)
     hexDig = hashObject.hexdigest()
     hashS = str(hexDig)
     c.send(message+"\t"+hashS)
     c.close()
File: client.py
import socket
import hashlib
s = socket.socket()
s.connect(("localhost", 8888))
receivedString = s.recv(1024)
message = receivedString.split("\t")[:-1]
message = "\t".join([word for word in message])
hashValue = receivedString.split("\t")[-1]
print "Received Message: ", message
print "Received Hash: ", hashValue
hashObject = hashlib.sha1(message)
hexDig = hashObject.hexdigest()
print "Hash of Received Message: ", hexDig
if(hexDig == hashValue):
     print "No Tampering in message"
else:
     print "Tampering in message"
```

OUTPUT:

