PRAKTIKUM TOPIK LANJUTAN(KOMUNIKASI JARINGAN)

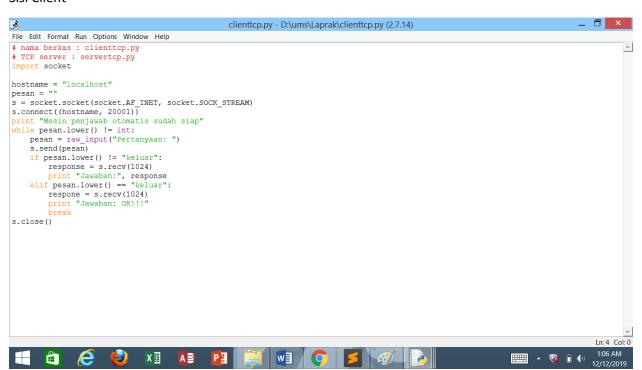
MODUL 10

KEGIATAN 1

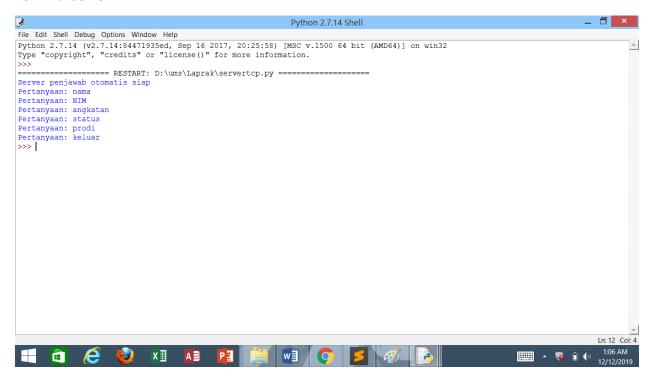
Sisi Server

```
servertcp.py - D:\ums\Laprak\servertcp.py (2.7.14)
File Edit Format Run Options Window Help
# nama berkas : servertcp.py
# TCP client : clienttcp.py
import socket
import platform
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.bind(("", 20001))
s.listen(2)
print "Server penjawab otomatis siap"
data = ""
kamus = {"nama":"Mutiara Aisya Harfi Putri",
    "NIM":"L200190240",
    "angkatan":"2019",
            "status": "Mahasiswa",
"prodi": "Informatika"}
while data.lower() != "keluar":
     komm, addr=s.accept()
while data.lower() !=" keluar":
          data.lower() := keluar .
data = komm.recv(1024)
if data.lower() == "keluar":
                komm.send("OK!!")
                s.close()
                print "Pertanyaan:", data
           break
print "Pertanyaan:", data
           if kamus.has_key(data):
                komm.send(kamus[data])
                komm.send("Maaf perintah tidak ada")
s.close()
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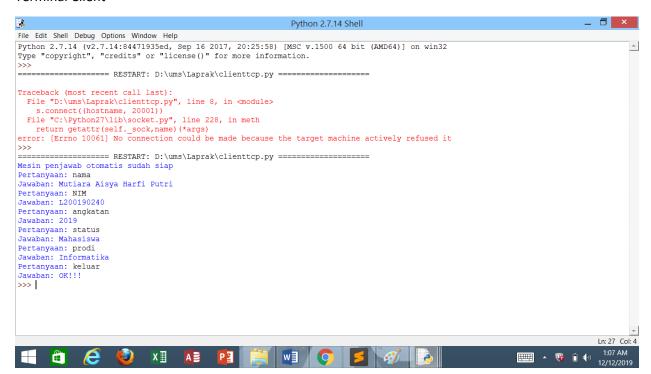
Sisi Client



Terminal Server

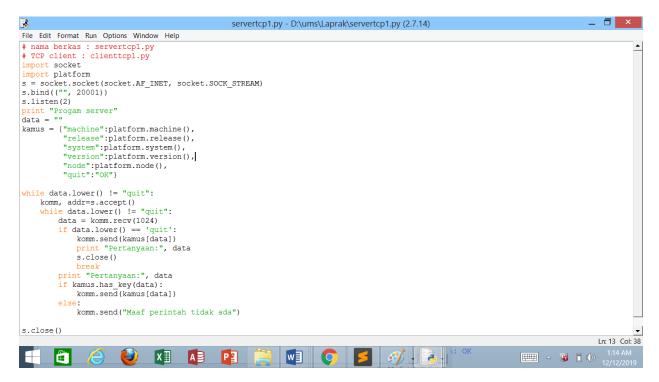


Terminal Client



KEGIATAN 2

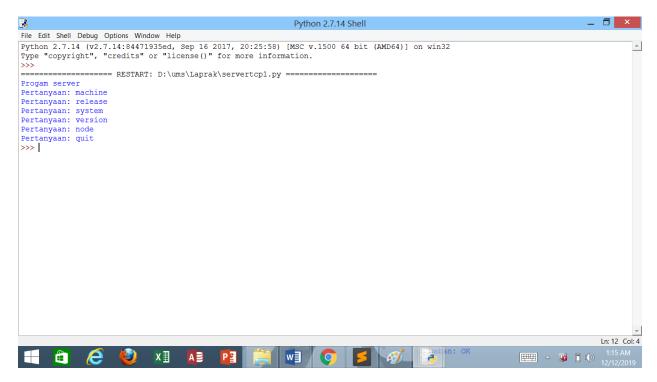
Sisi Server



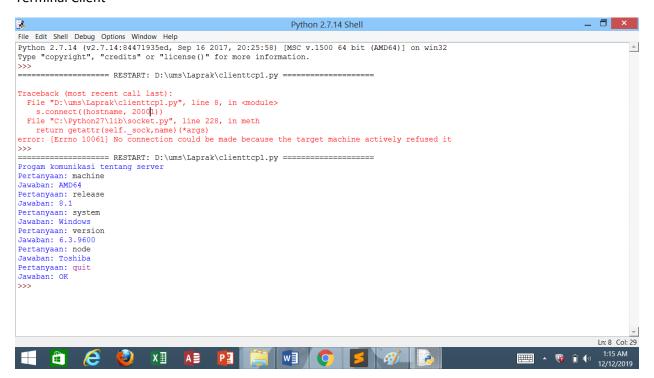
Sisi Client

```
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                                                     clienttcp1.py - D:\ums\Laprak\clienttcp1.py (2.7.14)
File Edit Format Run Options Window Help
# nama berkas : clienttcp1.py
# TCP server : servertcp1.py
import socket
hostname = "localhost"
pesan = ""
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect((hostname, 20001))
print "Progam komunikasi tentang server"
while pesan.lower() != "quit":
    pesan = raw_input("Pertanyaan: ")
    s.send(pesan)
    if pesan.lower() != int:
        response = s.recv(1024)
    print "Jawaban:", response
elif pesan.lower() != "quit":
        respone = s.recv(1024)
print "Jawaban:", response
         break
s.close()
                                                                                                                                                 Ln: 11 Col: 4
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```

Terminal Server

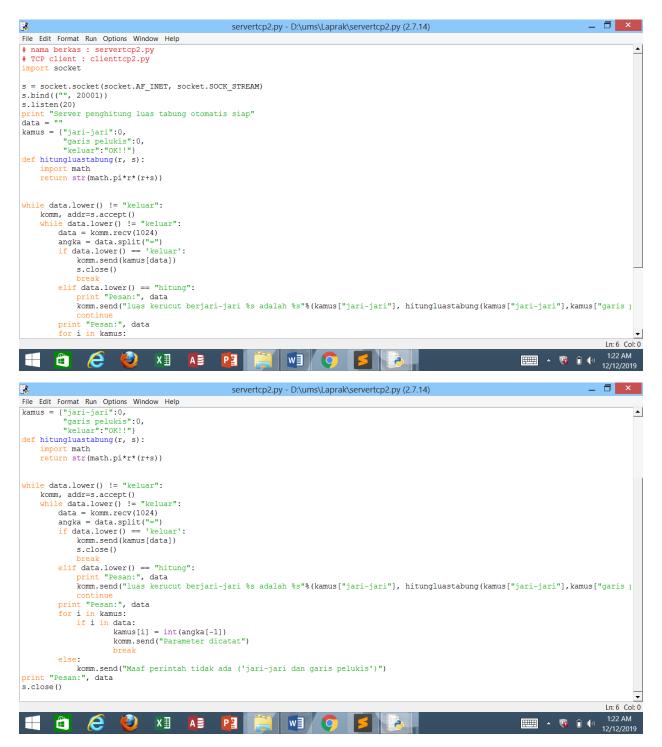


Terminal Client

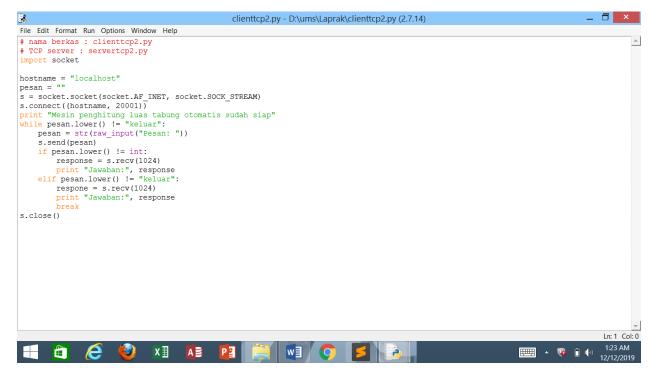


KEGIATAN 3

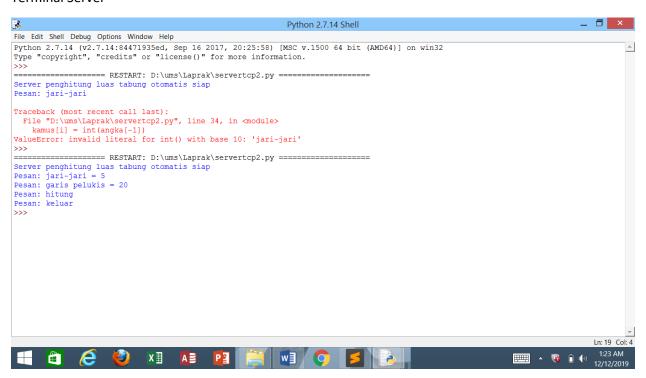
Sisi Server



Sisi Client



Terminal Server



Terminal Client

