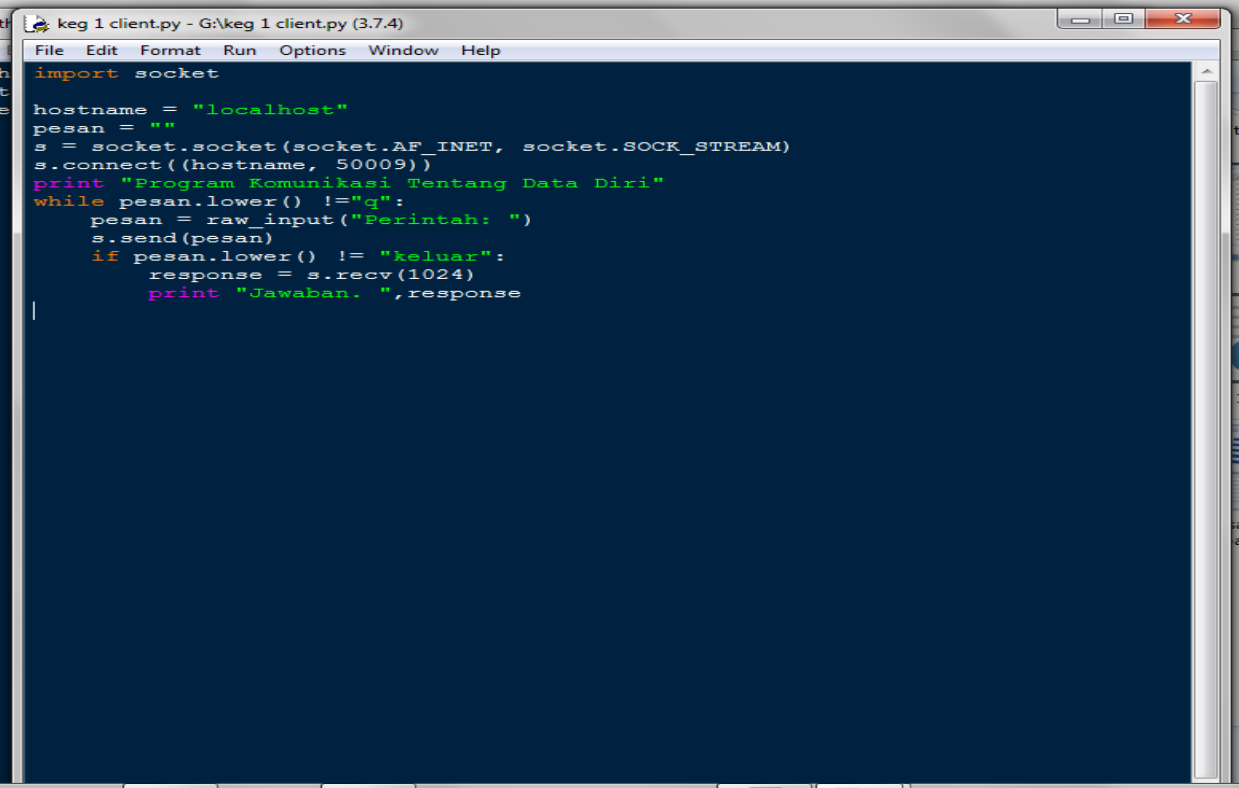


PRAKTIKUM ALGORITMA DAN PEMOGRAMAN

PYHTON

Nama/NIM : Feliya Anisaa W

KEGIATAN 1



```
keg 1 client.py - G:\keg 1 client.py (3.7.4)
File Edit Format Run Options Window Help
import socket

hostname = "localhost"
pesan = ""
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect((hostname, 50009))
print "Program Komunikasi Tentang Data Diri"
while pesan.lower() != "q":
    pesan = raw_input("Perintah: ")
    s.send(pesan)
    if pesan.lower() != "keluar":
        response = s.recv(1024)
        print "Jawaban. ", response
```

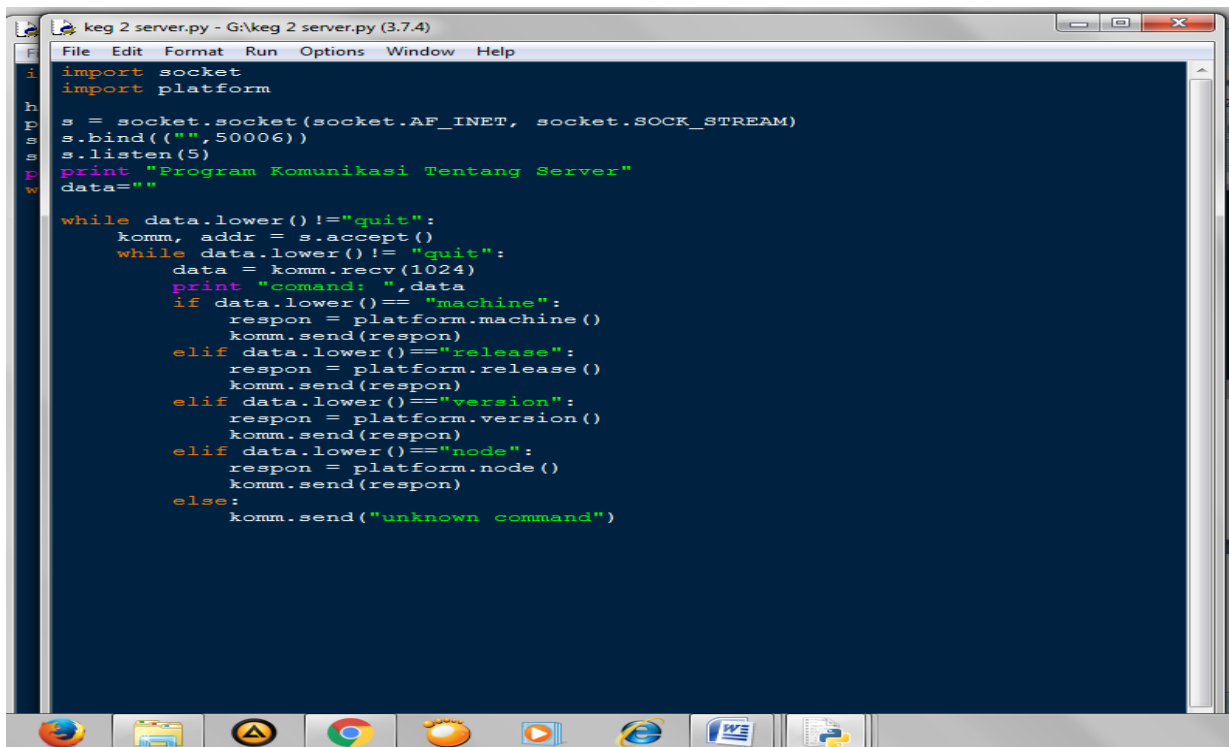
```
keg 1 server.py - G:\keg 1 server.py (3.7.4)
File Edit Format Run Options Window Help
import socket

s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.bind(("", 50009))
s.listen(5)
print " Print Program Komunikasi Tentang Data Diri "
data = ""
kamus = {'nama': 'siti setyaningsih',
        'NIM': 'L200190223',
        'angkatan': '19',
        'keluar': 'Siap!',}
while data.lower() != "keluar":
    komm, addr = s.accept()
    while data.lower() != "keluar":
        data = komm.recv(1024)
        if data.lower() == "keluar":
            s.close()
            break
    print "Pertanyaan:", data
    if kamus.has_key(data):
        komm.send(kamus[data])
    else:
        komm.send("Maaf, Perintah Tidak Dimengerti")
```

KEGIATAN 2

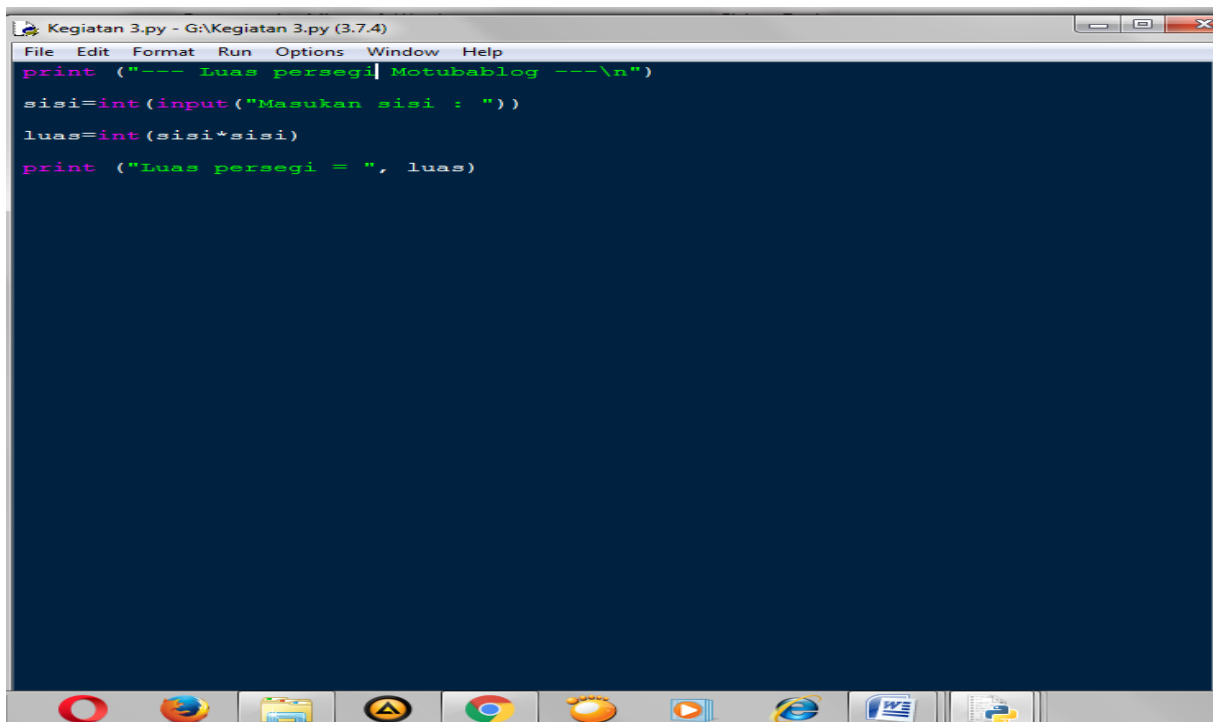
```
keg 2 client.py - G:\keg 2 client.py (3.7.4)
File Edit Format Run Options Window Help
import socket

hostname = "localhost"
pesan=""
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect((hostname, 50006))
print "Program Komunikasi Tentang Server"
while pesan.lower() != "quit":
    pesan = raw_input("command: ")
    s.send(pesan)
    if pesan.lower() == "quit":
        s.close()
        break
    elif pesan.lower() != "quit":
        response = s.recv(1024)
        print "response:", response
s.close()
```



```
File Edit Format Run Options Window Help
1 import socket
2 import platform
3
4 s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
5 s.bind(("", 50006))
6 s.listen(5)
7 print "Program Komunikasi Tentang Server"
8 data=""
9
10 while data.lower()!="quit":
11     komm, addr = s.accept()
12     while data.lower()!="quit":
13         data = komm.recv(1024)
14         print "comand: ",data
15         if data.lower()=="machine":
16             respon = platform.machine()
17             komm.send(respon)
18         elif data.lower()=="release":
19             respon = platform.release()
20             komm.send(respon)
21         elif data.lower()=="version":
22             respon = platform.version()
23             komm.send(respon)
24         elif data.lower()=="node":
25             respon = platform.node()
26             komm.send(respon)
27         else:
28             komm.send("unknown command")
```

KEGIATAN 3



```
File Edit Format Run Options Window Help
1 print ("--- Luas persegi: | Motubablog ---\n")
2
3 sisi=int(input("Masukan sisi : "))
4
5 luas=int(sisi*sisi)
6
7 print ("Luas persegi = ", luas)
```