Praktikum Algoritma dan Pemrograman modul 10

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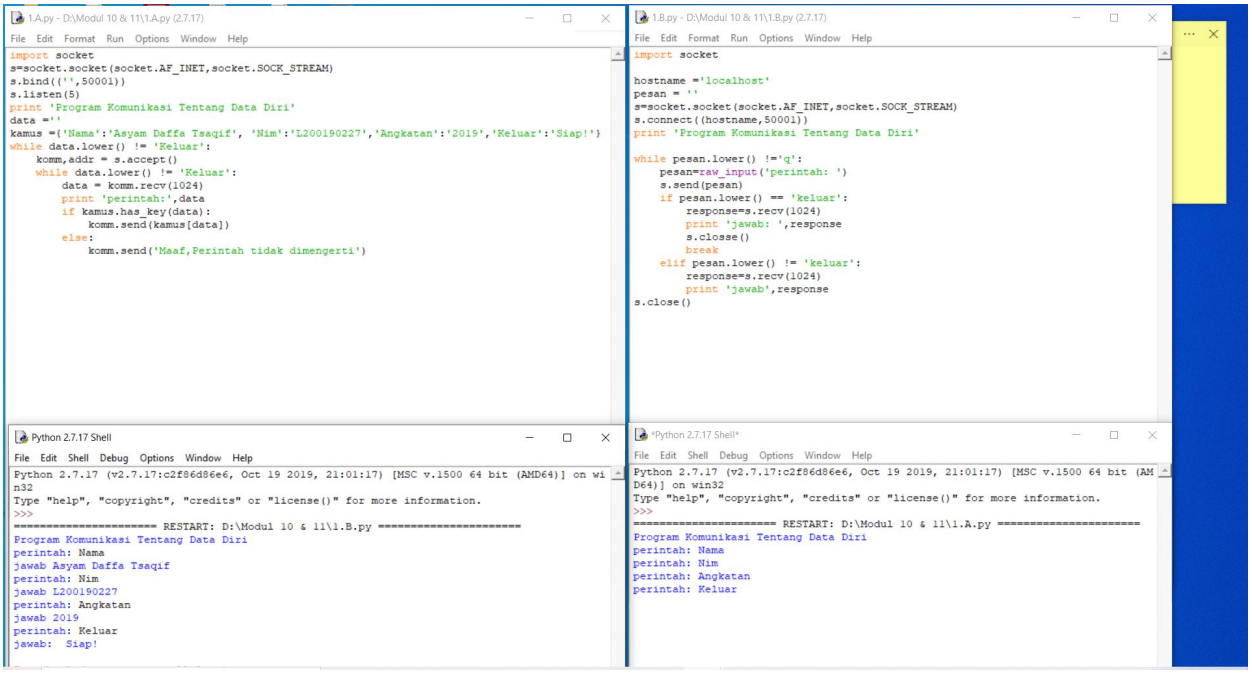
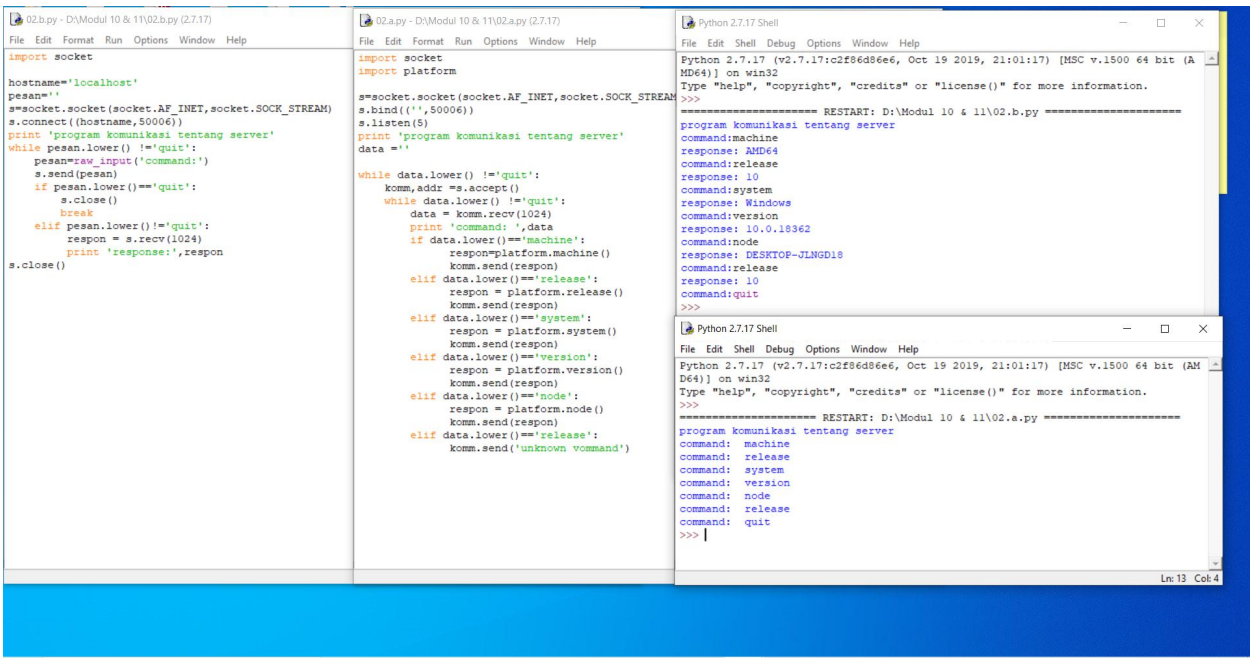
NIM : L200190227

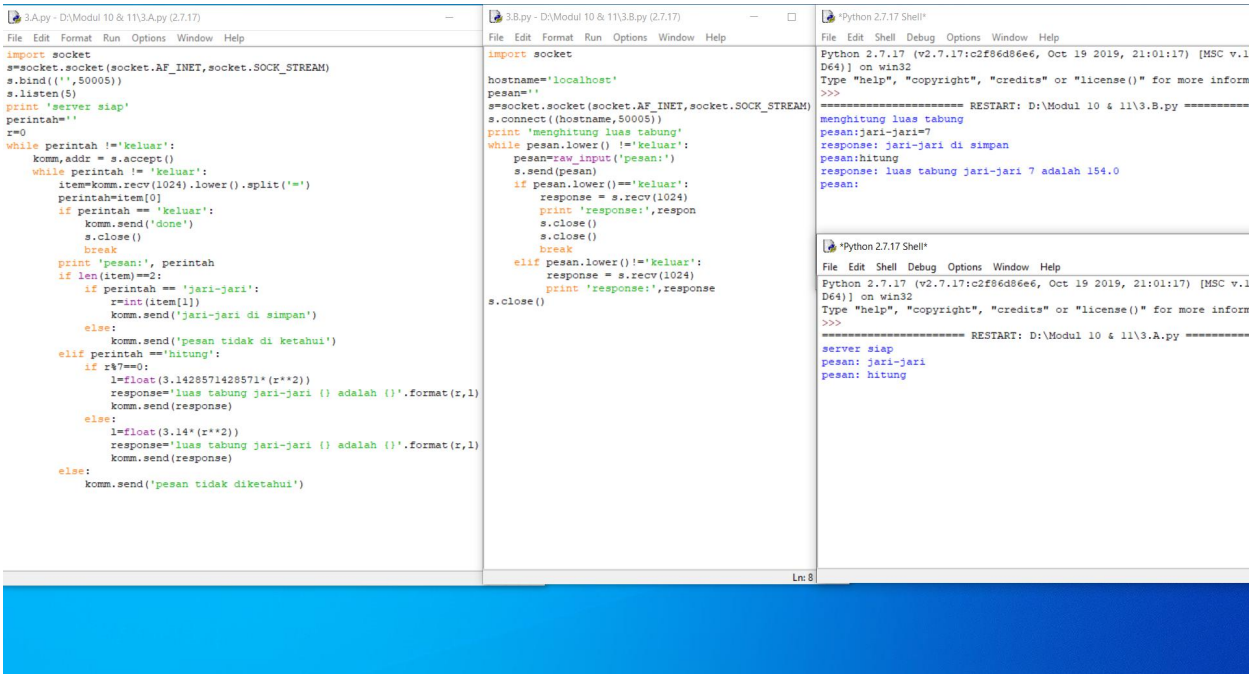
Kegiatan 1



Kegiatan 2



Kegiatan 3



3.A.py - D:\Modul 10 & 11\3.A.py (2.7.17)

```
import socket
s=socket.socket(socket.AF_INET,socket.SOCK_STREAM)
s.bind(('',50005))
s.listen(5)
print 'server siap'
perintah=''
r=0
while perintah !='keluar':
    komm,addr = s.accept()
    while perintah != 'keluar':
        item=komm.recv(1024).lower().split('=')
        perintah=item[0]
        if perintah == 'keluar':
            komm.send('done')
            s.close()
            break
        print 'pesan:', perintah
        if len(item)==2:
            if perintah == 'jari-jari':
                r=int(item[1])
                komm.send('jari-jari di simpan')
            else:
                komm.send('pesan tidak di ketahui')
        elif perintah =='hitung':
            if r%7==0:
                l=float(3.1428571428571*(r**2))
                response='luas tabung jari-jari {} adalah {}'.format(r,l)
                komm.send(response)
            else:
                l=float(3.14*(r**2))
                response='luas tabung jari-jari {} adalah {}'.format(r,l)
                komm.send(response)
        else:
            komm.send('pesan tidak diketahui')
```

3.B.py - D:\Modul 10 & 11\3.B.py (2.7.17)

```
import socket

hostname='localhost'
pesan=''
s=socket.socket(socket.AF_INET,socket.SOCK_STREAM)
s.connect((hostname,50005))
print 'menghitung luas tabung'
while pesan.lower() !='keluar':
    pesan=raw_input('pesan:')
    s.send(pesan)
    if pesan.lower()=='keluar':
        response = s.recv(1024)
        print 'response:',respon
        s.close()
        s.close()
        break
    elif pesan.lower()!='keluar':
        response = s.recv(1024)
        print 'response:',response
s.close()
```

Ln: 8

Python 2.7.17 Shell

```
Python 2.7.17 (v2.7.17:c2f86d86e6, Oct 19 2019, 21:01:17) [MSC v.1
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more inform
>>>
========== RESTART: D:\Modul 10 & 11\3.B.py ==========
menghitung luas tabung
pesan:jari-jari=7
response: jari-jari di simpan
pesan:hitung
response: luas tabung jari-jari 7 adalah 154.0
pesan:
```

Python 2.7.17 Shell

```
Python 2.7.17 (v2.7.17:c2f86d86e6, Oct 19 2019, 21:01:17) [MSC v.1
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more inform
>>>
========== RESTART: D:\Modul 10 & 11\3.A.py ==========
server siap
pesan: jari-jari
pesan: hitung
```