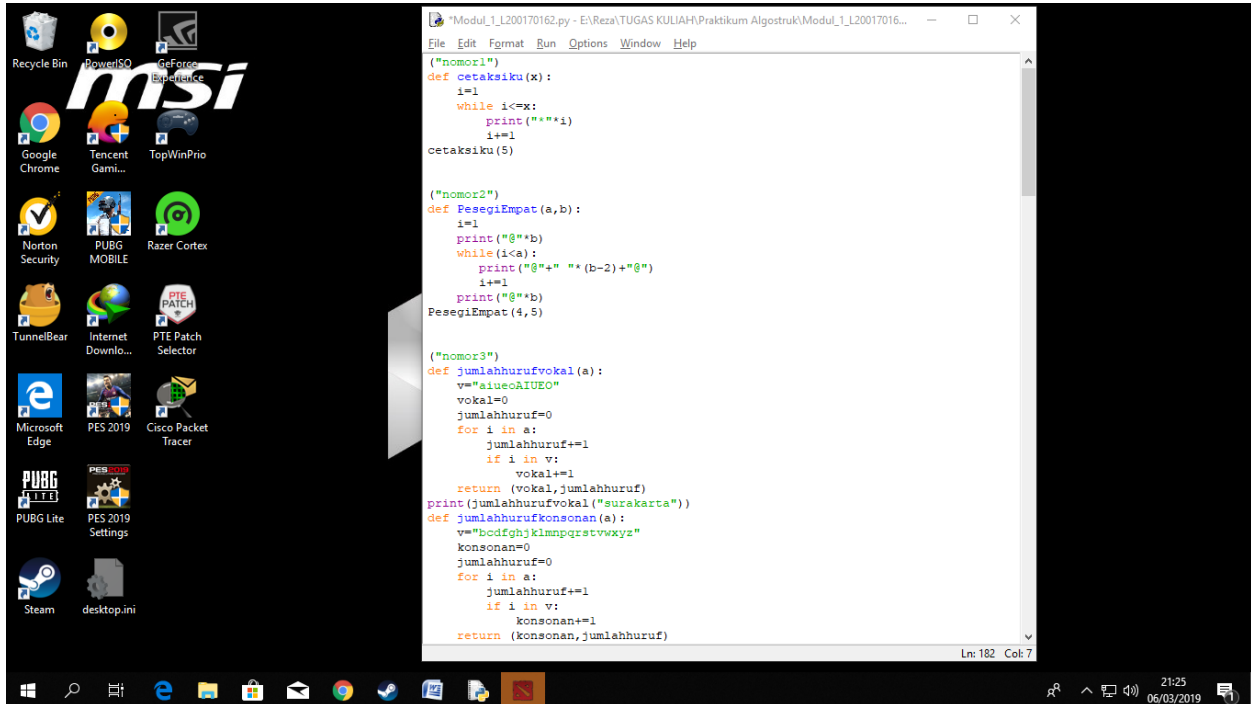


Nama : Reza Rivaldo Fakhry
NIM : L200170162
Kelas : D

Laporan Tugas Praktikum Modul 1



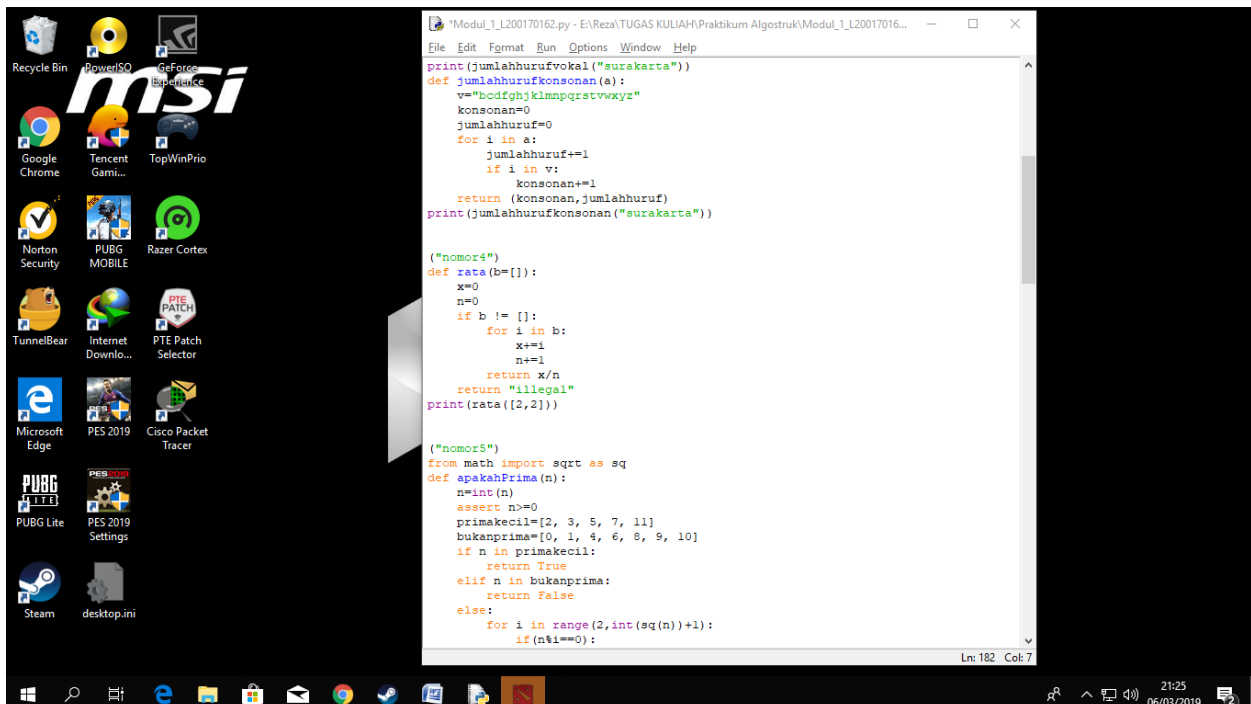
```
File Edit Format Run Options Window Help

("nomor1")
def cetaksiku(x):
    i=1
    while i<=x:
        print(" "+i)
        i+=1
    cetaksiku(5)

("nomor2")
def PesegiEmpat(a,b):
    i=1
    print("@"*b)
    while (i<a):
        print("@"+" "*(b-2)+"@")
        i+=1
    print("@"*b)
    PesegiEmpat(4,5)

("nomor3")
def jumlahhurufvokal(a):
    v="aiueoAIUEO"
    vokal=0
    jumlahhuruf=0
    for i in a:
        jumlahhuruf+=1
        if i in v:
            vokal+=1
    return (vokal,jumlahhuruf)
print(jumlahhurufvokal("surakarta"))
def jumlahhurufkonsonan(a):
    v="bcdfghjklmnpqrstvwxyz"
    konsonan=0
    jumlahhuruf=0
    for i in a:
        jumlahhuruf+=1
        if i in v:
            konsonan+=1
    return (konsonan,jumlahhuruf)
```

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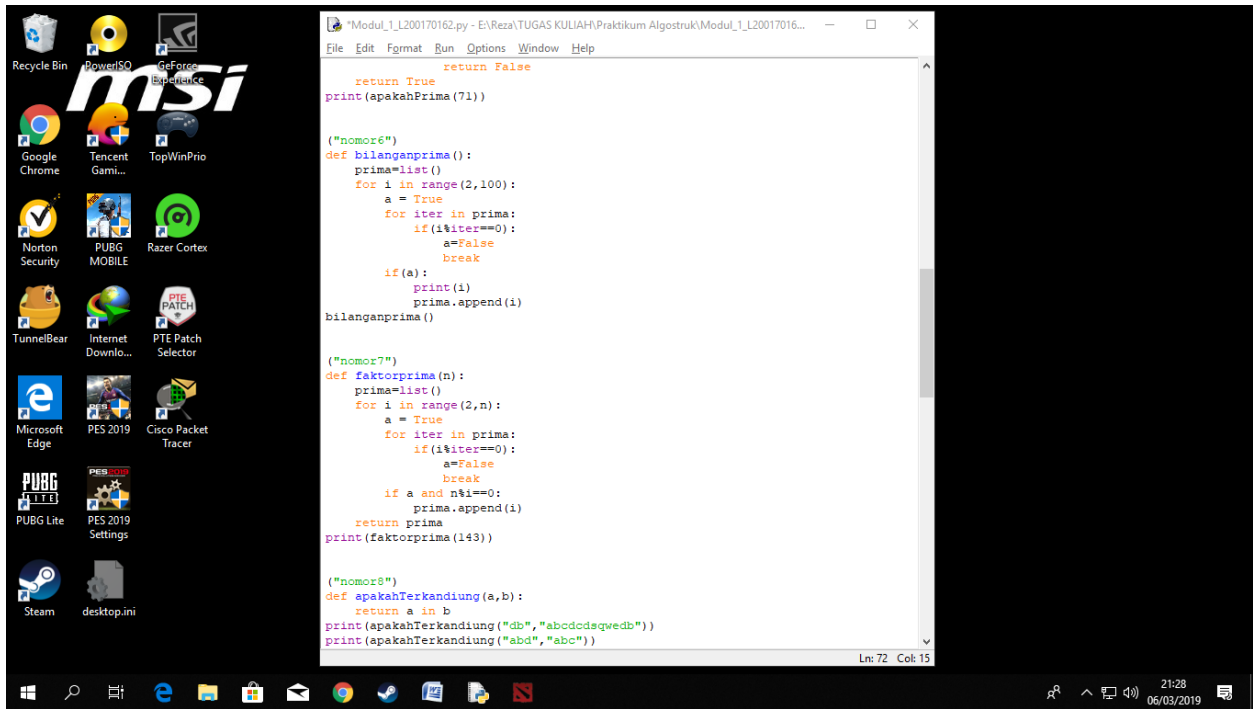


```
print(jumlahhurufvokal("surakarta"))
def jumlahhurufkonsonan(a):
    v="bcdfghjklmnpqrstvwxyz"
    konsonan=0
    jumlahhuruf=0
    for i in a:
        jumlahhuruf+=1
        if i in v:
            konsonan+=1
    return (konsonan,jumlahhuruf)
print(jumlahhurufkonsonan("surakarta"))

("nomor4")
def rata(b=[]):
    x=0
    n=0
    if b != []:
        for i in b:
            x+=i
            n+=1
        return x/n
    return "illegal"
print(rata([2,2]))

("nomor5")
from math import sqrt as sq
def apakahPrima(n):
    n=int(n)
    assert n>=0
    primakecil=[2, 3, 5, 7, 11]
    bukanprima=[0, 1, 4, 6, 8, 9, 10]
    if n in primakecil:
        return True
    elif n in bukanprima:
        return False
    else:
        for i in range(2,int(sq(n))+1):
            if (n%i==0):
```

Ln: 182 Col: 7



```
("nomor9")
def iterasi():
    for i in range(1,100):
        if (i%3)!=0 and (i%5)!=0:
            print(i)
        else:
            if (i%15)==0:
                print("python UMS")
            elif (i%3)==0:
                print("python")
            elif (i%5)==0:
                print("UMS")
iterasi()

("nomor10")
def selesaikanABC(a,b,c):
    a=float(a)
    b=float(b)
    c=float(c)
    D=(b**2)-(4*a*c)
    if D<0:
        return "determinan negatif"
    return "determinan positif"
print(selesaikanABC(1,1,2))

("nomor11")
def apakahKabisat(a):
    if(a%400==0):
        return True
    if(a%100==0):
        return False
    if(a%4==0):
        return True
    return False
print(apakahKabisat(100))

("nomor12")
```

```

import random
def permainan():
    a=random.randrange(0, 100)
    while(True):
        b=int(input("masukan angka: "))
        if(b>a):
            print("terlalu besar, coba lagi")
        elif(b<a):
            print("terlalu kecil, coba lagi")
        else:
            print("benar")
            break
permainan()

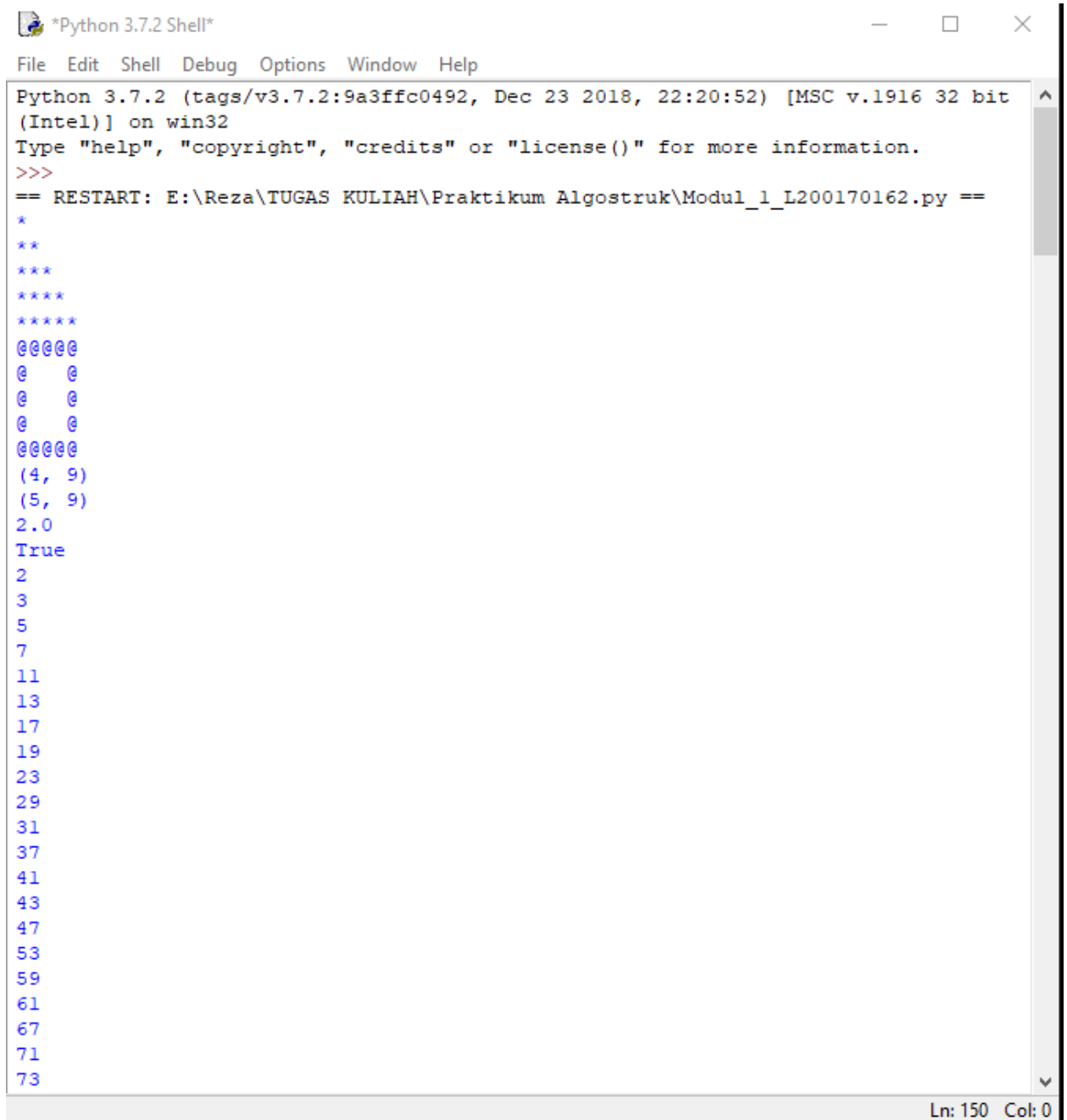
("nomor13")
def katakan(a):
    x={"0":"","1":"Se","2":"Dua ","3":"Tiga ","4":"Empat ","5":"Lima ","6":"Enam
    y={-1:"",-2:"puluh ",-3:"ratus ",-4:"ribu ",-5:"puluh ",6:"ratus ",7:"juta "}
    b=str(a)
    c=""
    i=-1
    while i>= -len(b):
        c=x[b[i]]+y[i]+c
        i-=1
    return c
print(katakan(11))

("nomor14")
def formatRupiah(a):
    b=str(a)
    c=""
    i = -1
    while i>= -len(b):
        if((i+1)%3==0 and (i+1)!=0):
            c="."+c
        c=b[i]+c
        i-=1
    return "Rp "+c


print(formatRupiah(50000000))

```

Hasil



```
*Python 3.7.2 Shell*
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit
(Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: E:\Reza\TUGAS KULIAH\Praktikum Algostruk\Modul_1_L200170162.py ==
*
**
***
****
*****
o o o o o
o   o
o   o
o   o
o o o o o
(4, 9)
(5, 9)
2.0
True
2
3
5
7
11
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```

 *Python 3.7.2 Shell*

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[11, 13]

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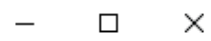
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python

Ln: 150Col: 0

 *Python 3.7.2 Shell*



File Edit Shell Debug Options Window Help

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