Nama : Aisyah Goevara

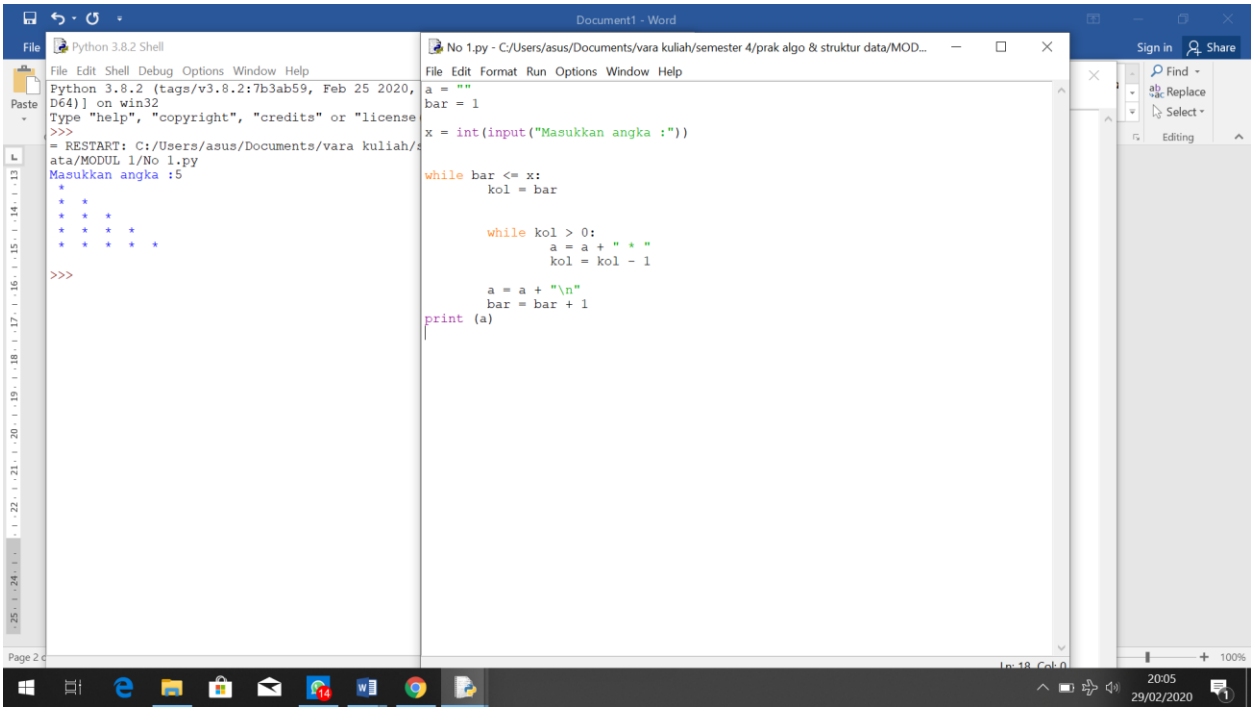
NIM : L200180034

Kelas : B

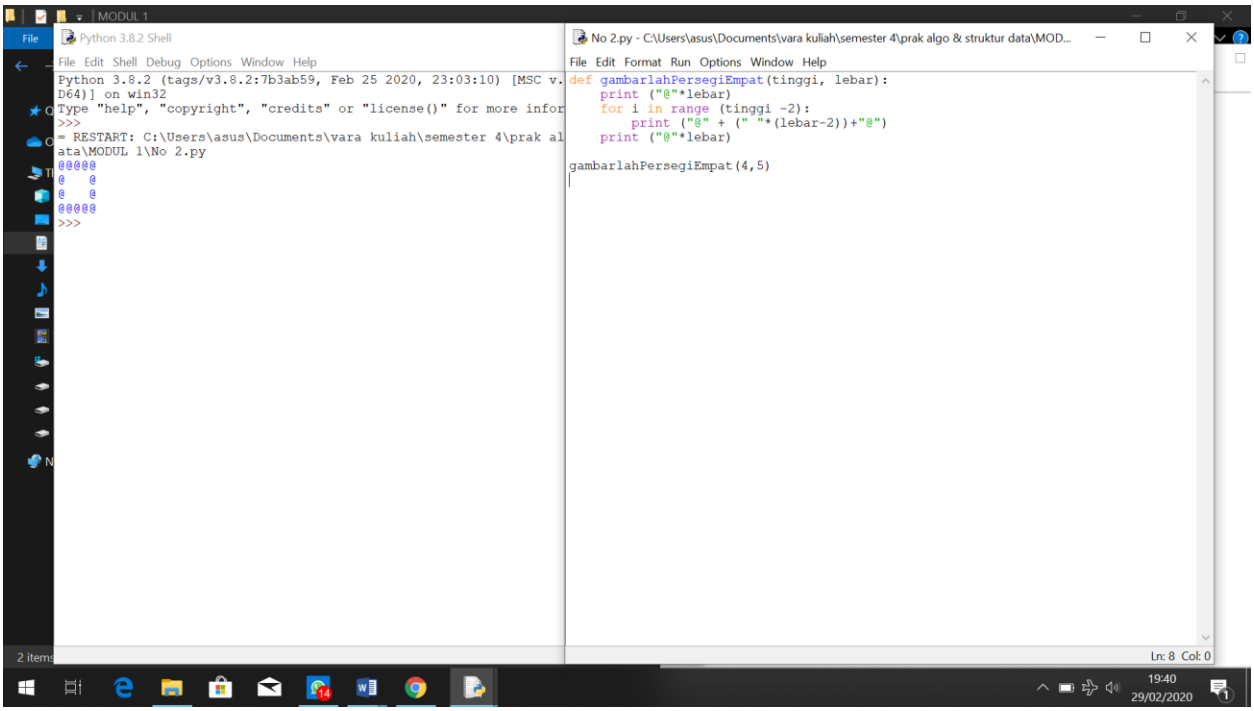
Modul 1

Tinjauan Ulang Python

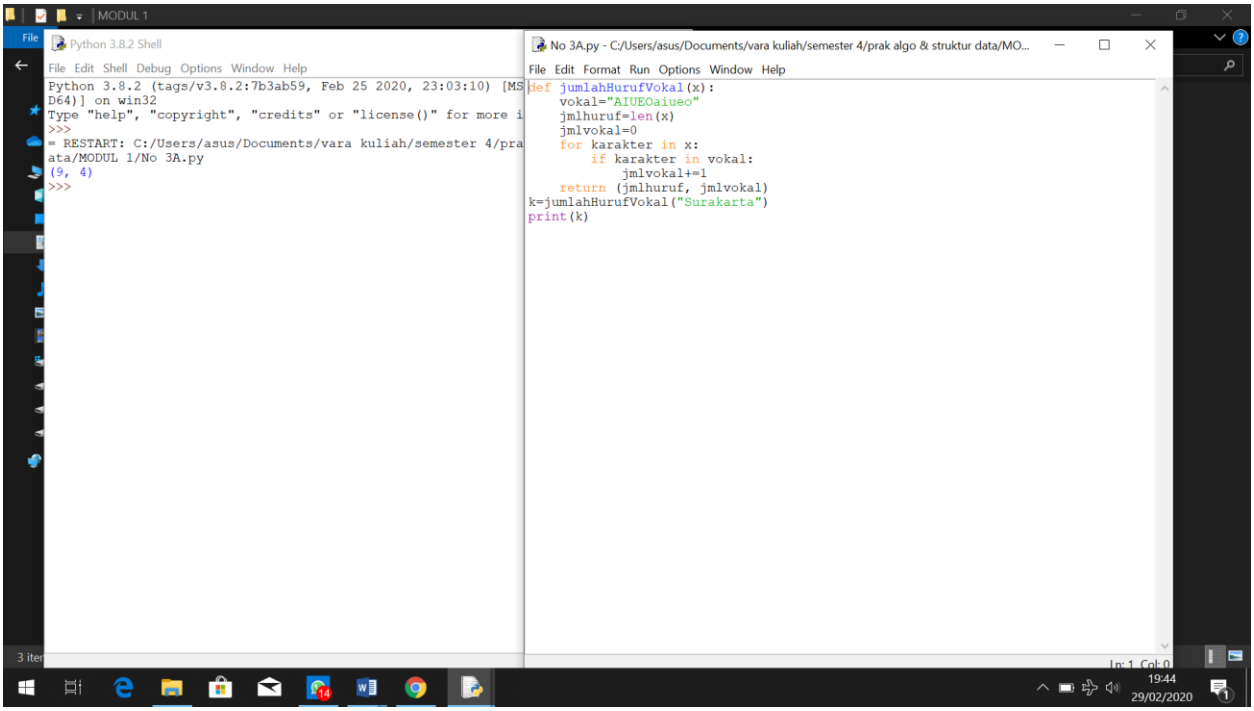
1. Fungsi cetakSiku(x)



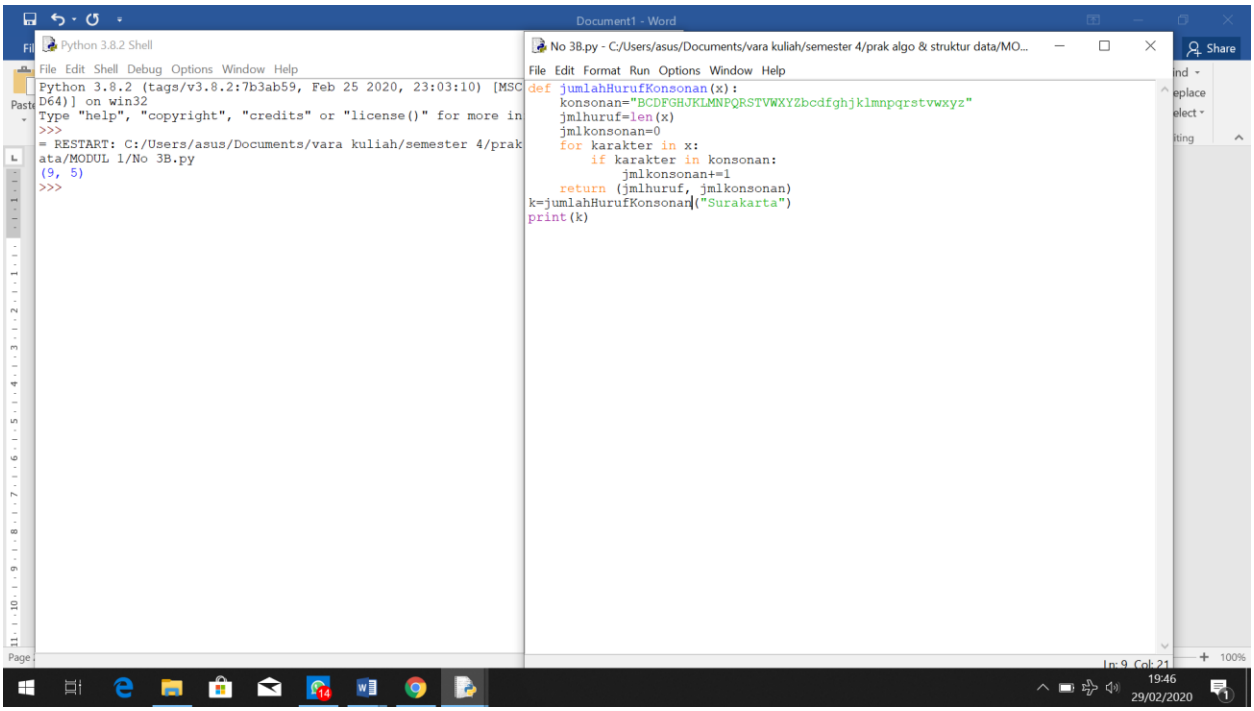
2. Persegi empat



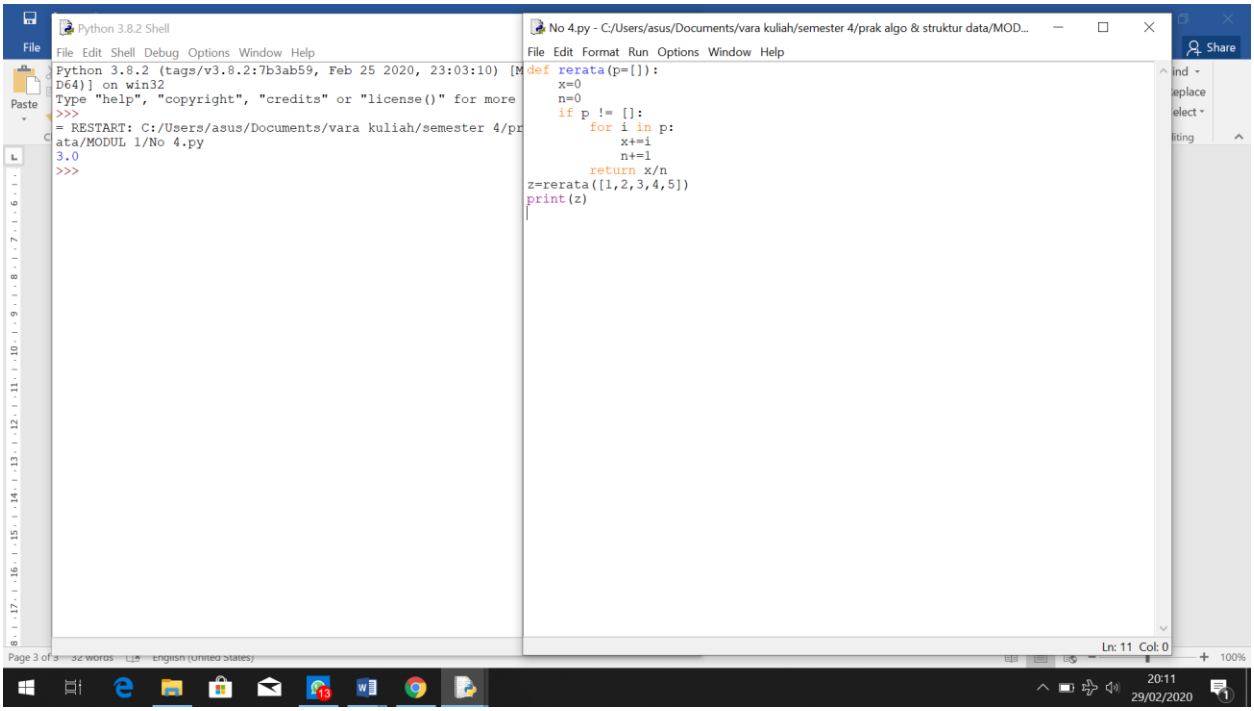
3. A. Jumlah Huruf Vokal



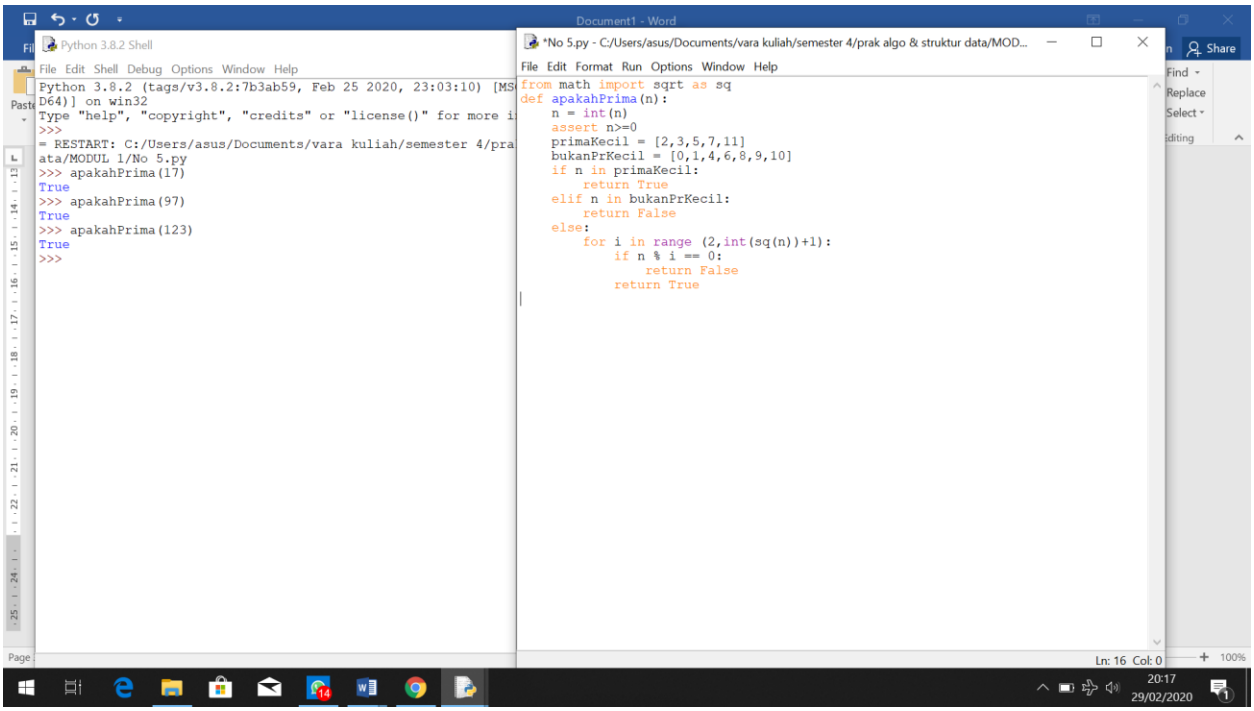
B. Jumlah Huruf Konsonan



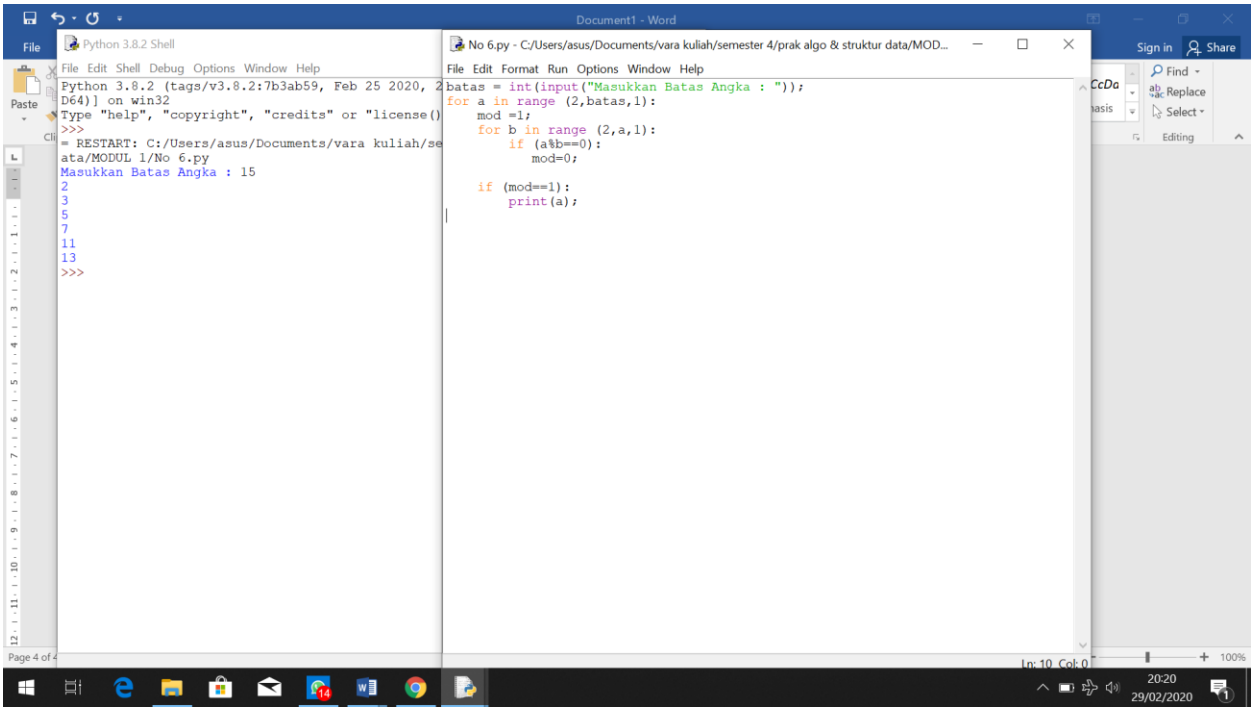
4. Rerata



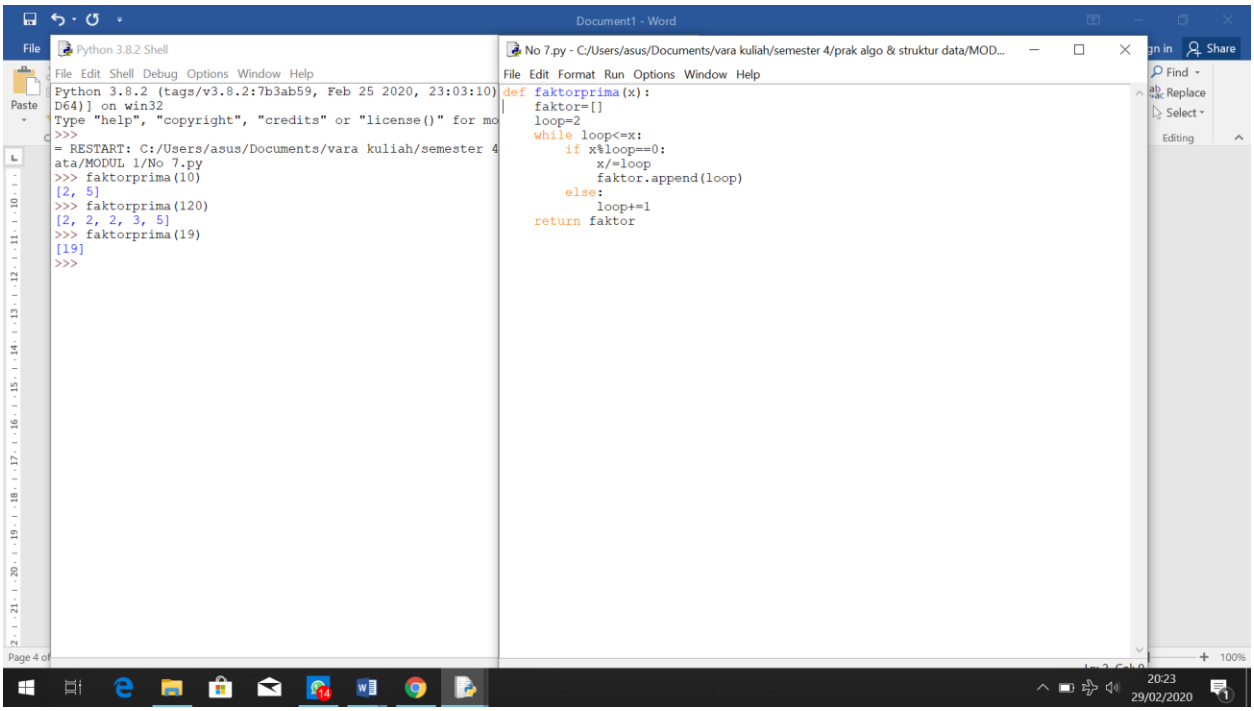
5. Apakah Prima



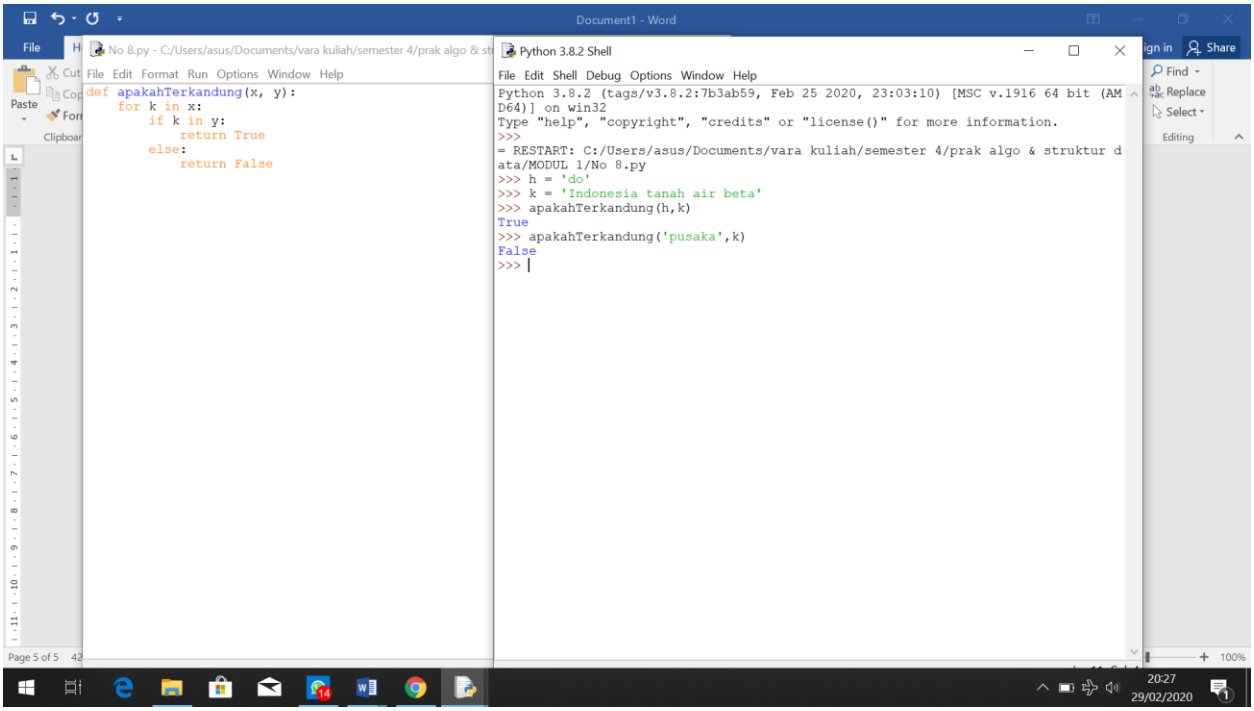
6. Bilangan prima 2 -100



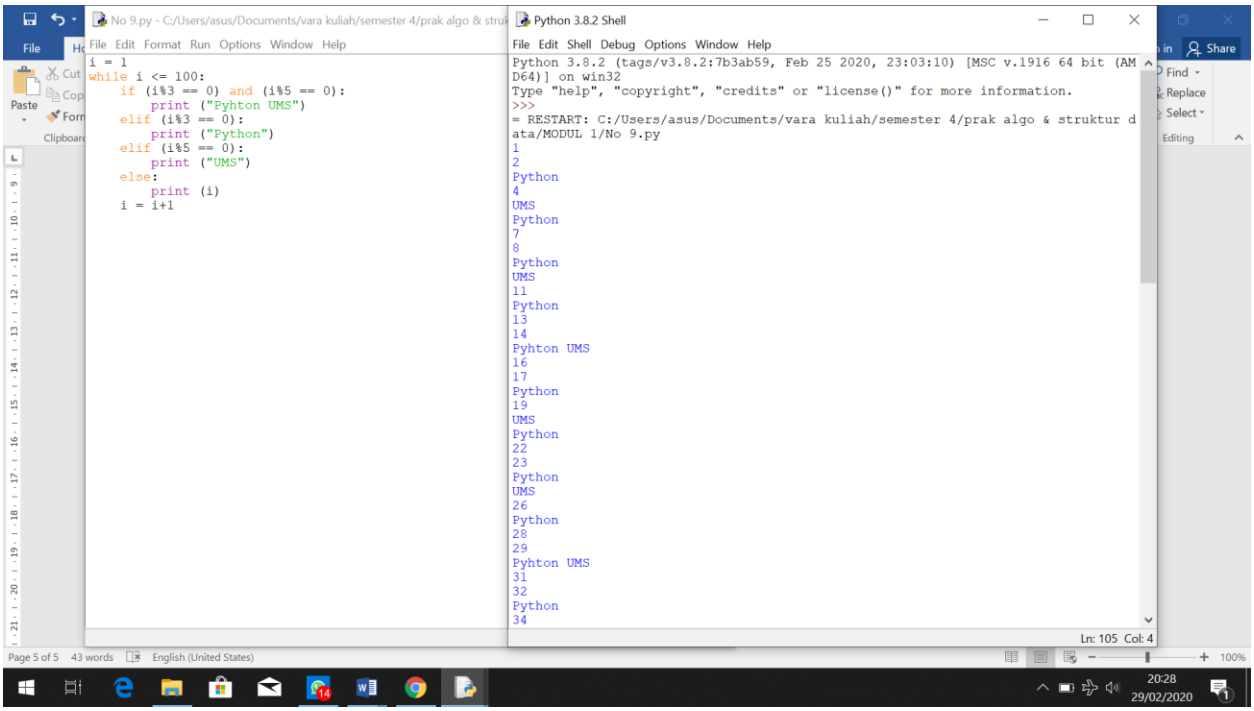
7.

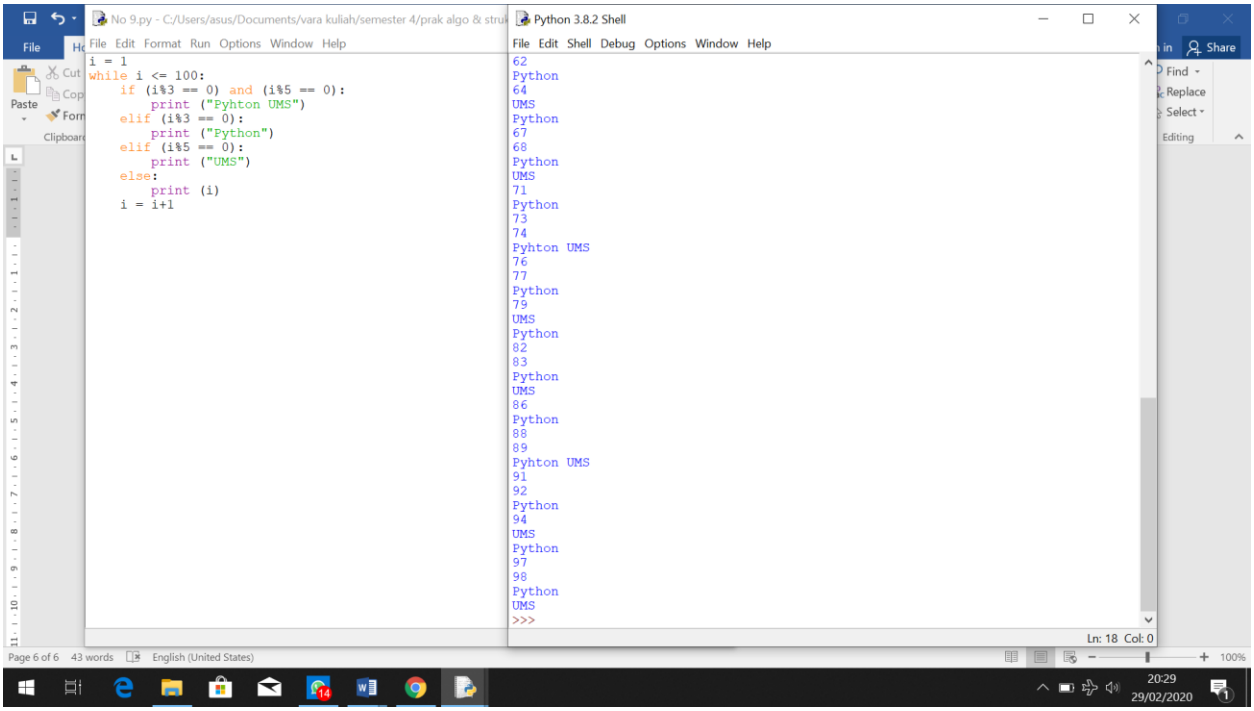

Document1 - Word
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MODUL 1/No 7.py
>>> faktorprima(10)
[2, 5]
>>> faktorprima(120)
[2, 2, 2, 3, 5]
>>> faktorprima(19)
[19]
>>>
No 7.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MOD...
File Edit Format Run Options Window Help
def faktorprima(x):
faktor=[]
loop=2
while loop<=x:
if x%loop==0:
x/=loop
faktor.append(loop)
else:
loop+=1
return faktor
20:23
29/02/2020

8.

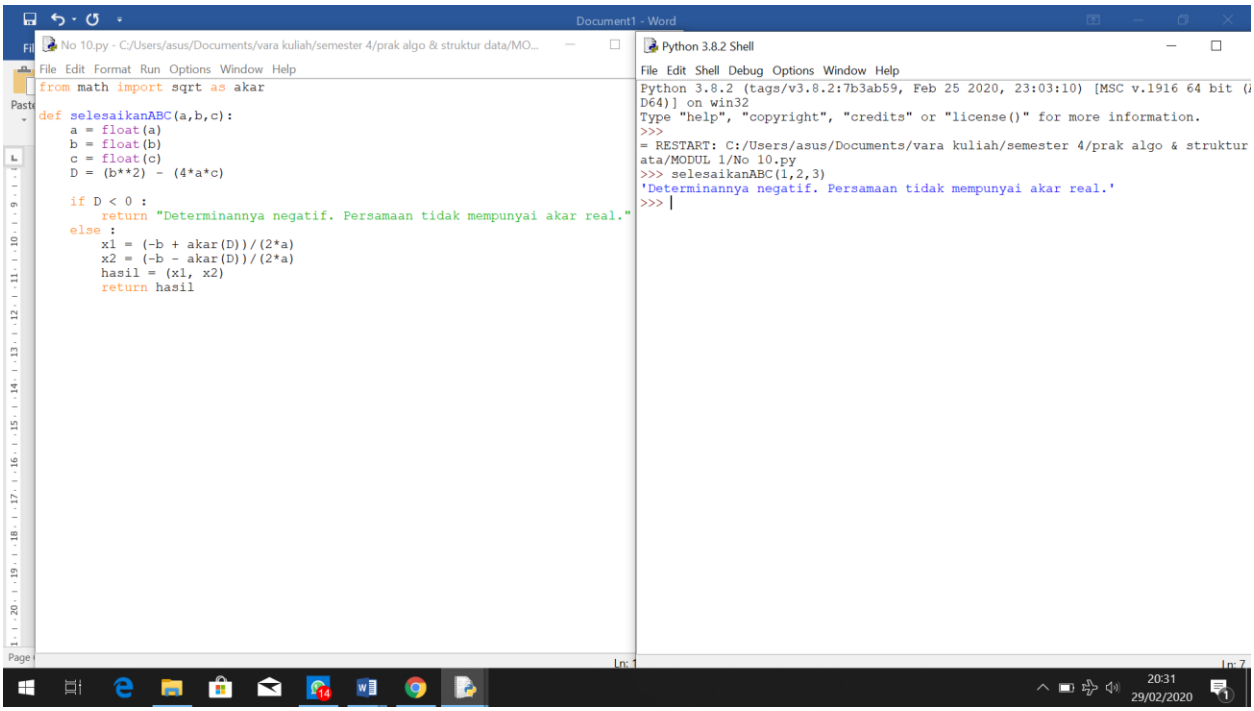

Document1 - Word
No 8.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & st
File Edit Format Run Options Window Help
def apakahTerkandung(x, y):
for k in x:
if k in y:
return True
else:
return False
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MODUL 1/No 8.py
>>> h = 'do'
>>> k = 'Indonesia tanah air beta'
>>> apakahTerkandung(h,k)
True
>>> apakahTerkandung('pusaka',k)
False
>>>
20:27
29/02/2020

9.

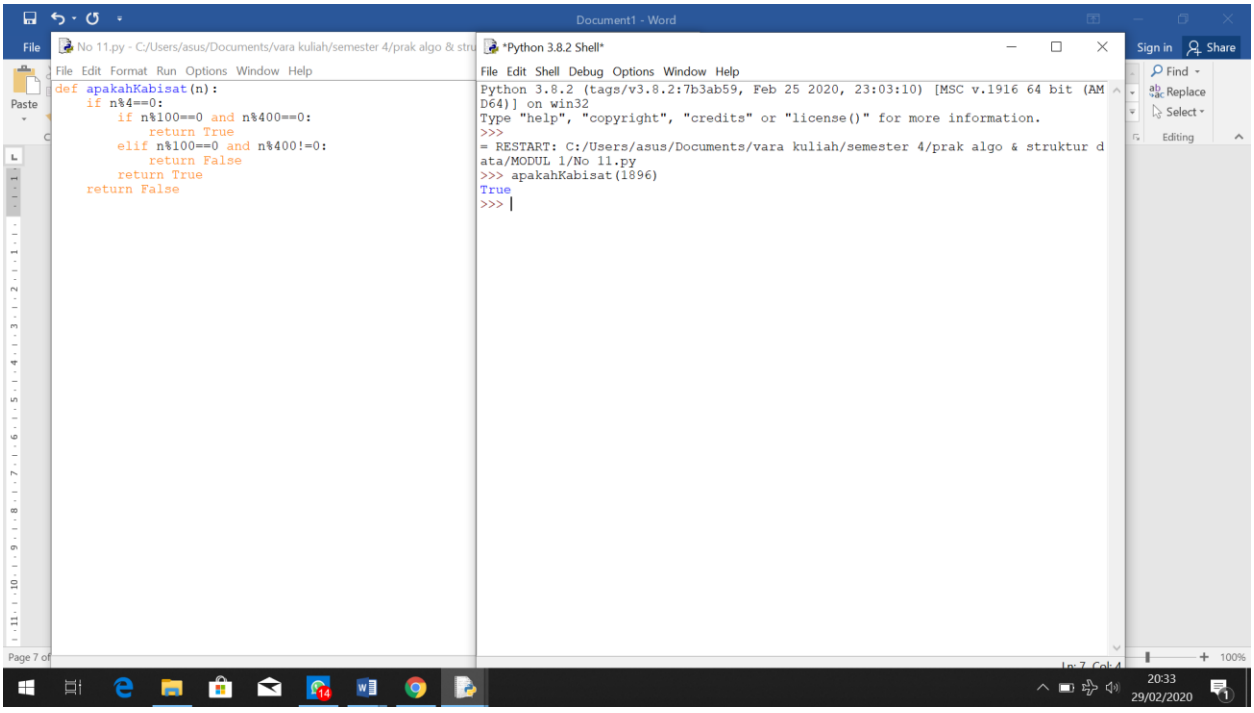

No 9.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struk
File Edit Format Run Options Window Help
i = 1
while i <= 100:
if (i%3 == 0) and (i%5 == 0):
print ("Pyhton UMS")
elif (i%3 == 0):
print ("Python")
elif (i%5 == 0):
print ("UMS")
else:
print (i)
i = i+1
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MODUL 1/No 9.py
1
2
Python
4
UMS
Python
7
8
Python
UMS
11
Python
13
14
Pyhton UMS
16
17
Python
19
UMS
Python
22
23
Python
UMS
26
Python
28
29
Pyhton UMS
31
32
Python
34
Ln: 105 Col: 4
Page 5 of 5 43 words English (United States)
20:28
29/02/2020


No 9.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struk
File Edit Format Run Options Window Help
i = 1
while i <= 100:
if (i%3 == 0) and (i%5 == 0):
print ("Pyhton UMS")
elif (i%3 == 0):
print ("Python")
elif (i%5 == 0):
print ("UMS")
else:
print (i)
i = i+1
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
62
Python
64
UMS
Python
67
68
Python
UMS
71
Python
73
74
Pyhton UMS
76
77
Python
79
UMS
Python
82
83
Python
UMS
86
Python
88
89
Pyhton UMS
91
92
Python
94
UMS
Python
97
98
Python
UMS
>>>
Ln: 18 Col: 0
Page 6 of 6 43 words English (United States)
20:29
29/02/2020

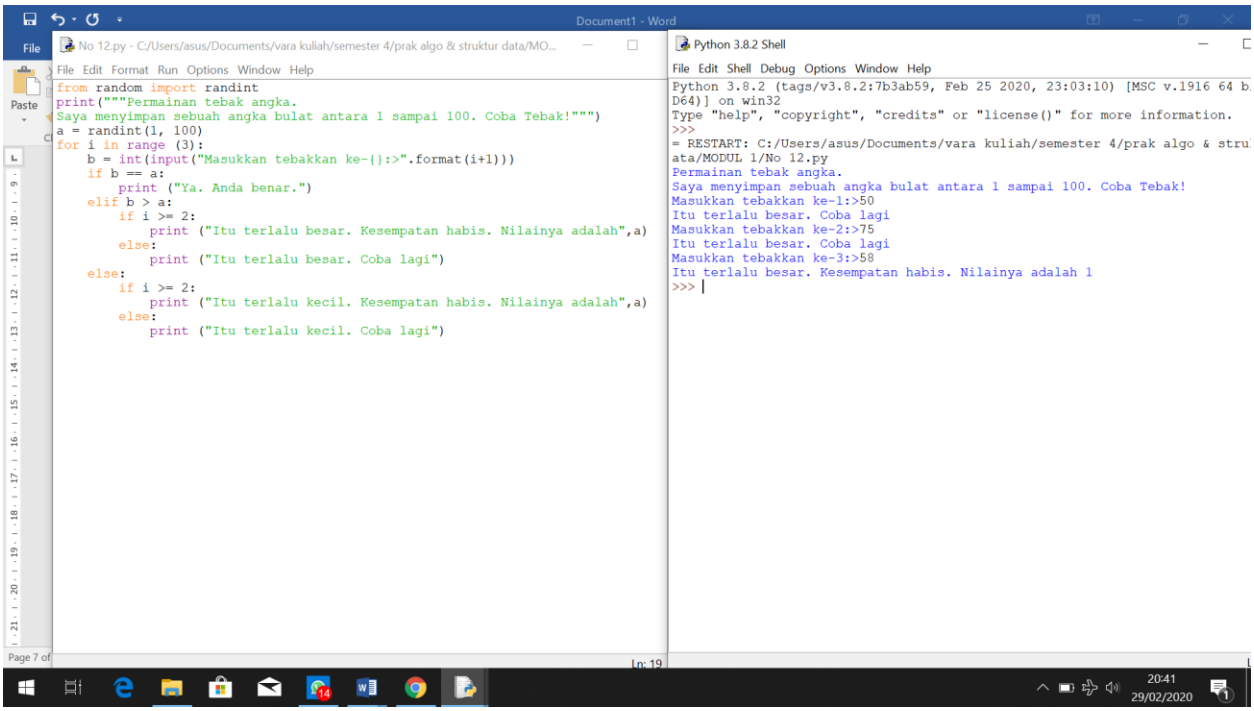
10.


Document1 - Word
No 10.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MO...
File Edit Format Run Options Window Help
from math import sqrt as akar
def selesaikanABC(a,b,c):
a = float(a)
b = float(b)
c = float(c)
D = (b**2) - (4*a*c)
if D < 0 :
return "Determinannya negatif. Persamaan tidak mempunyai akar real."
else :
x1 = (-b + akar(D))/(2*a)
x2 = (-b - akar(D))/(2*a)
hasil = (x1, x2)
return hasil
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur
ata/MODUL 1/No 10.py
>>> selesaikanABC(1,2,3)
'Determinannya negatif. Persamaan tidak mempunyai akar real.'
>>>
20:31
29/02/2020

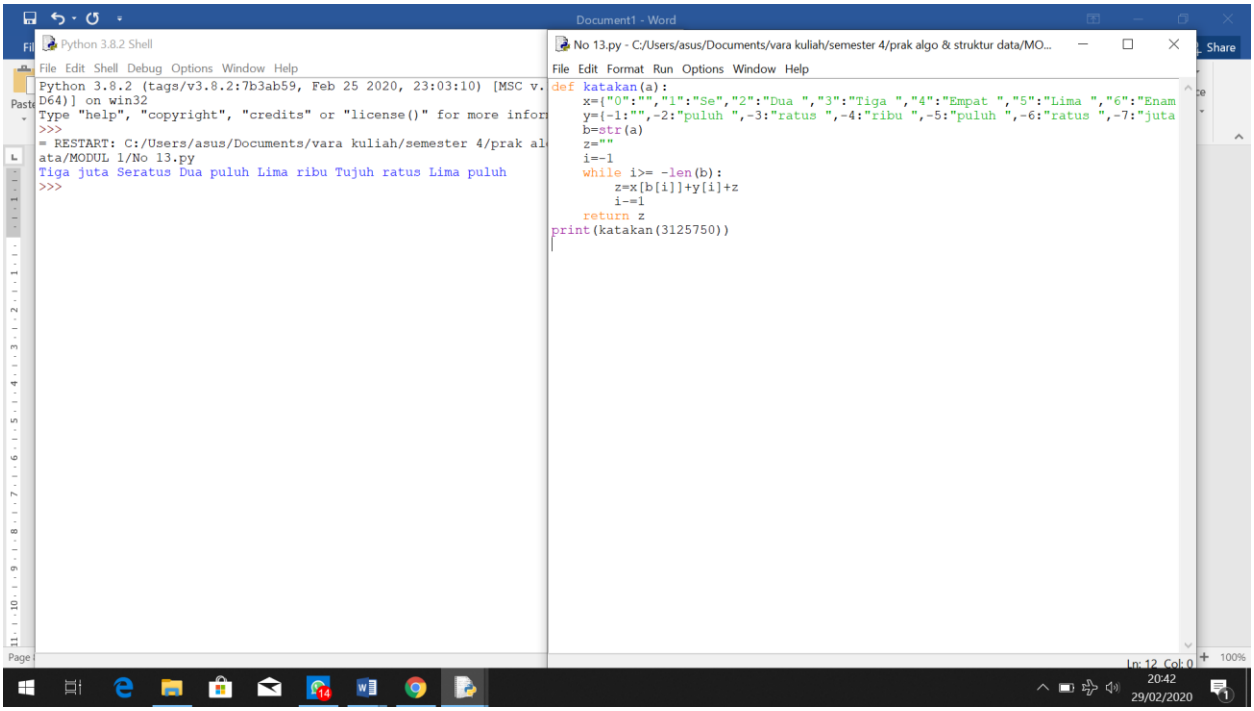
11.


Document1 - Word
No 11.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & stru
File Edit Format Run Options Window Help
def apakahKabisat(n):
if n%4==0:
if n%100==0 and n%400==0:
return True
elif n%100==0 and n%400!=0:
return False
return True
return False
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur d
ata/MODUL 1/No 11.py
>>> apakahKabisat(1896)
True
>>>
Sign in
Share
Find
Replace
Select
Editing
20:33
29/02/2020

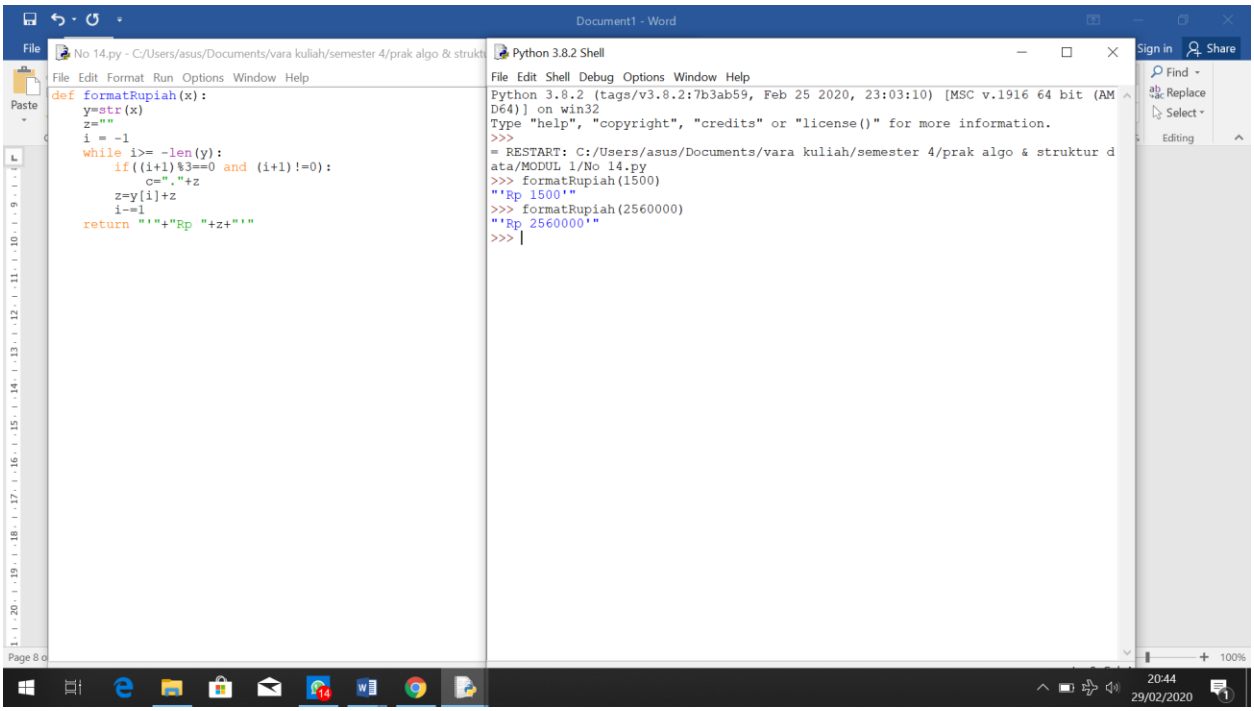
12.


Document1 - Word
No 12.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MO...
File Edit Format Run Options Window Help
from random import randint
print("""Permainan tebak angka.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba Tebak!""")
a = randint(1, 100)
for i in range (3):
b = int(input("Masukkan tebakkan ke-{}:>".format(i+1)))
if b == a:
print ("Ya. Anda benar.")
elif b > a:
if i >= 2:
print ("Itu terlalu besar. Kesempatan habis. Nilainya adalah",a)
else:
print ("Itu terlalu besar. Coba lagi")
else:
if i >= 2:
print ("Itu terlalu kecil. Kesempatan habis. Nilainya adalah",a)
else:
print ("Itu terlalu kecil. Coba lagi")
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 b
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & stru
ata/MODUL 1/No 12.py
Permainan tebak angka.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba Tebak!
Masukkan tebakkan ke-1:>50
Itu terlalu besar. Coba lagi
Masukkan tebakkan ke-2:>75
Itu terlalu besar. Coba lagi
Masukkan tebakkan ke-3:>58
Itu terlalu besar. Kesempatan habis. Nilainya adalah 1
>>>
20:41
29/02/2020

13.


Document1 - Word
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more infor
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak al
ata/MODUL 1/No 13.py
Tiga juta Seratus Dua puluh Lima ribu Tujuh ratus Lima puluh
>>>
No 13.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur data/MO...
File Edit Format Run Options Window Help
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)
z=""
i=-1
while i>= -len(b):
z=x[b[i]]+y[i]+z
i-=1
return z
print(katakan(3125750))
Ln: 12 Col: 0
100%
20:42
29/02/2020

14.


Document1 - Word
No 14.py - C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktu
File Edit Format Run Options Window Help
def formatRupiah(x):
y=str(x)
z=""
i = -1
while i>= -len(y):
if((i+1)%3==0 and (i+1)!=0):
c="."+z
z=y[i]+z
i-=1
return "'"+"Rp "+z+"'"
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/asus/Documents/vara kuliah/semester 4/prak algo & struktur d
ata/MODUL 1/No 14.py
>>> formatRupiah(1500)
"'Rp 1500'"
>>> formatRupiah(2560000)
"'Rp 2560000'"
>>>
Sign in
Share
Find
Replace
Select
Editing
Paste
20:44
29/02/2020