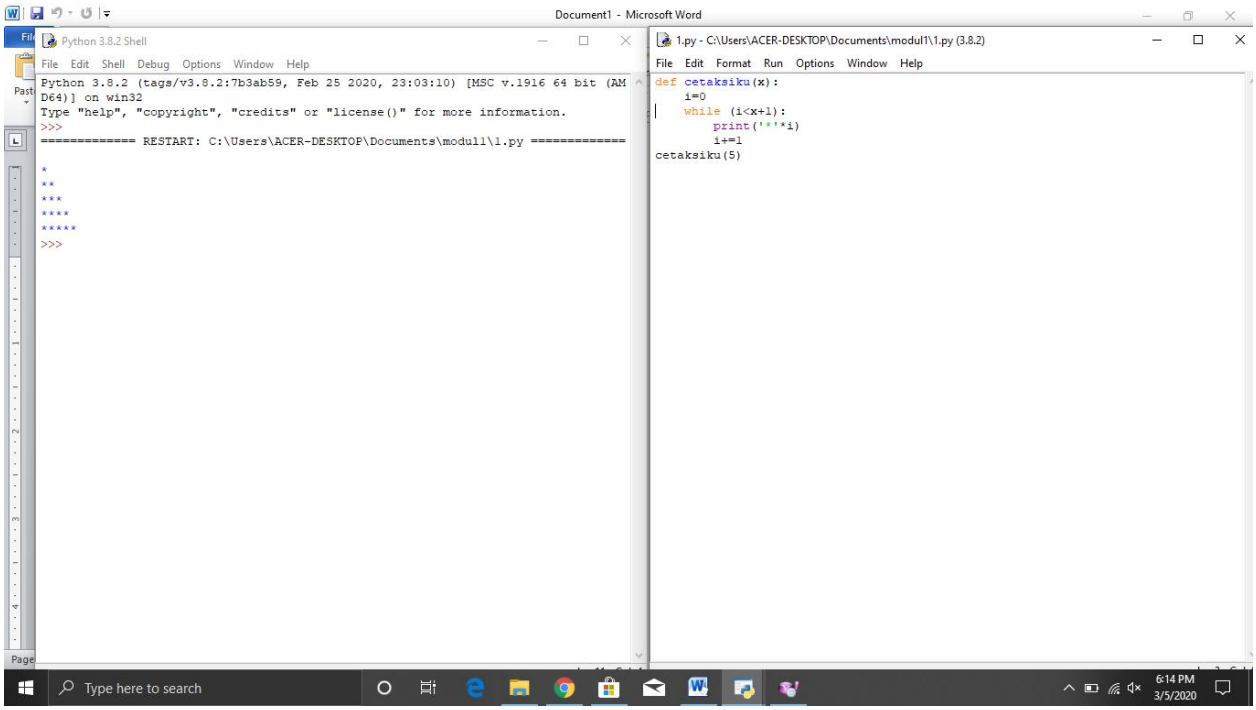
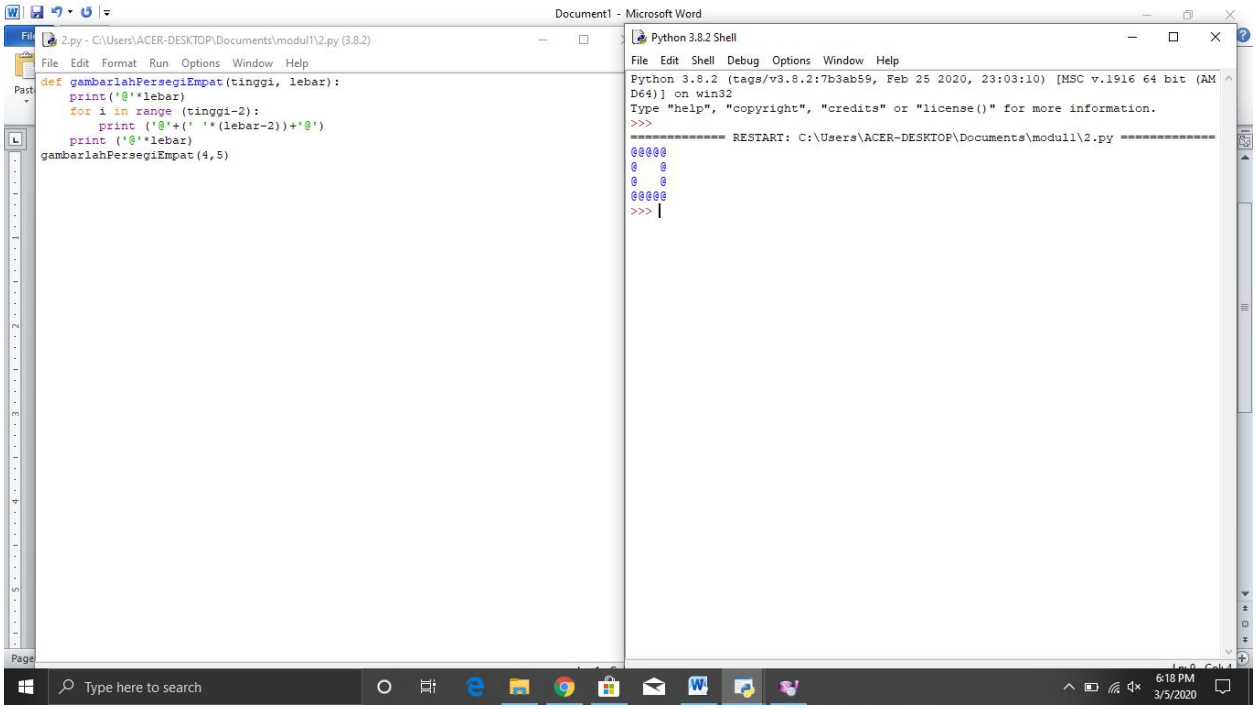
Nama : Fannisa Rif'ani M
Kelas : B
NIM : L200180048

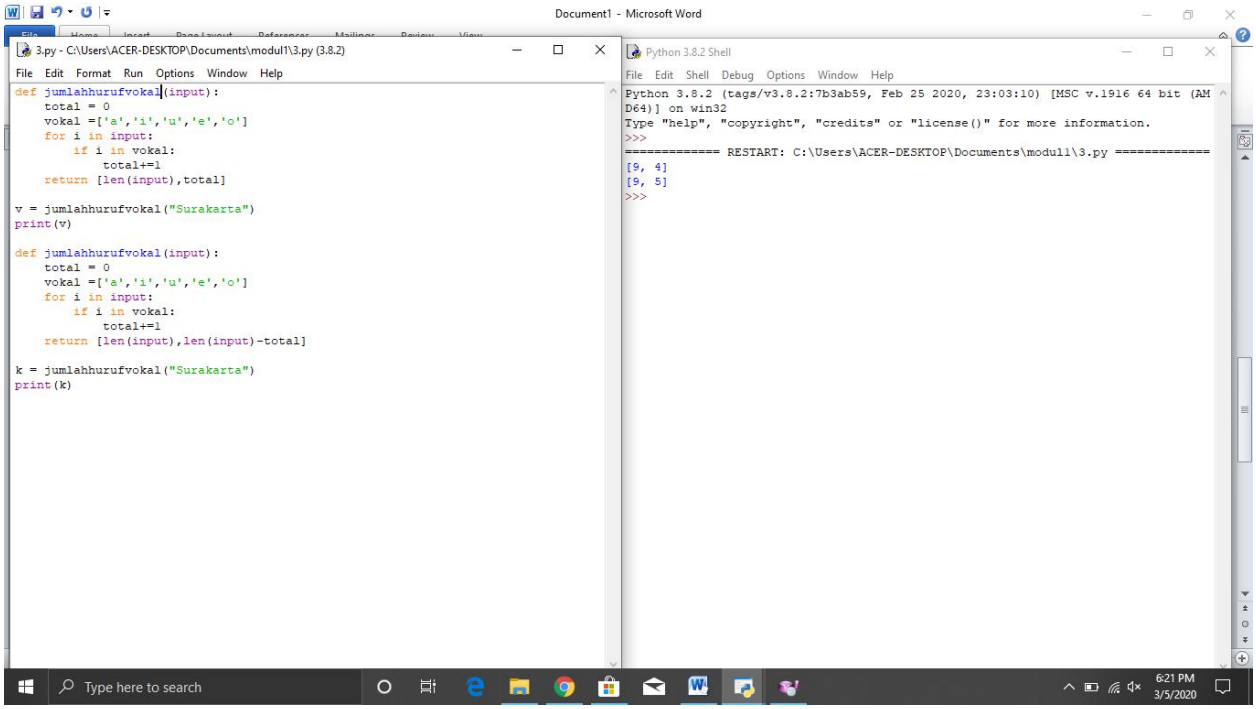
1.



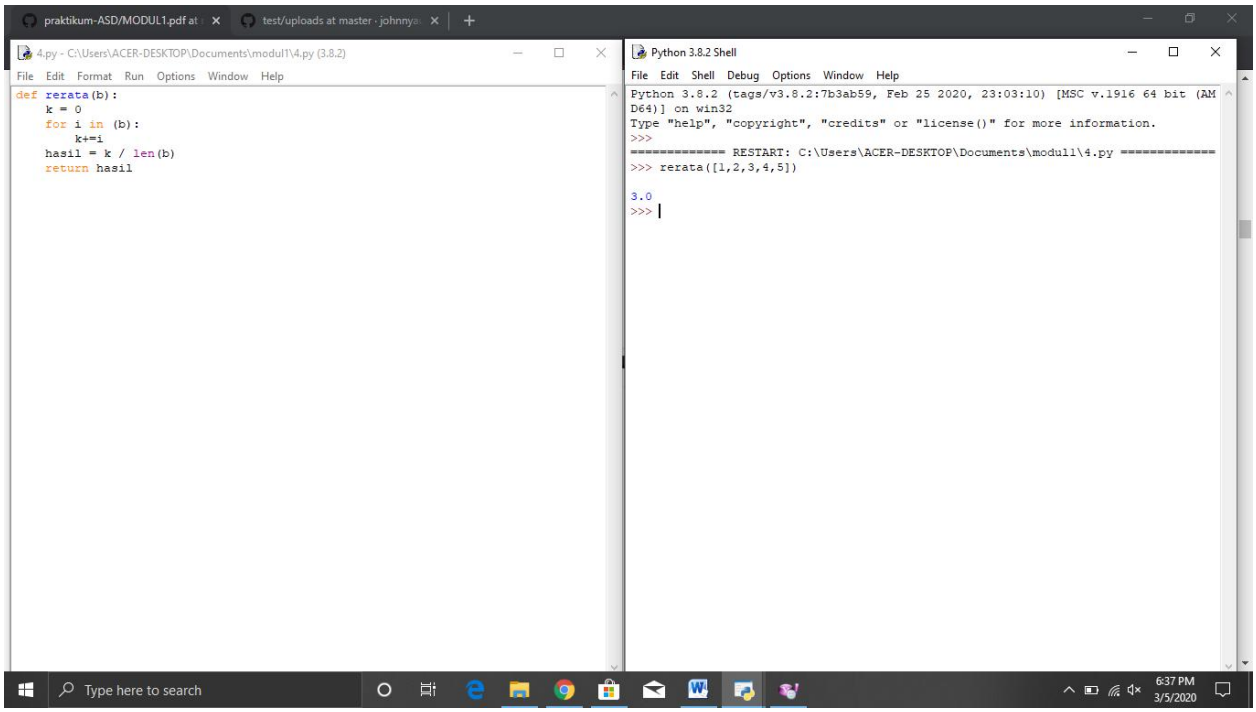
2.



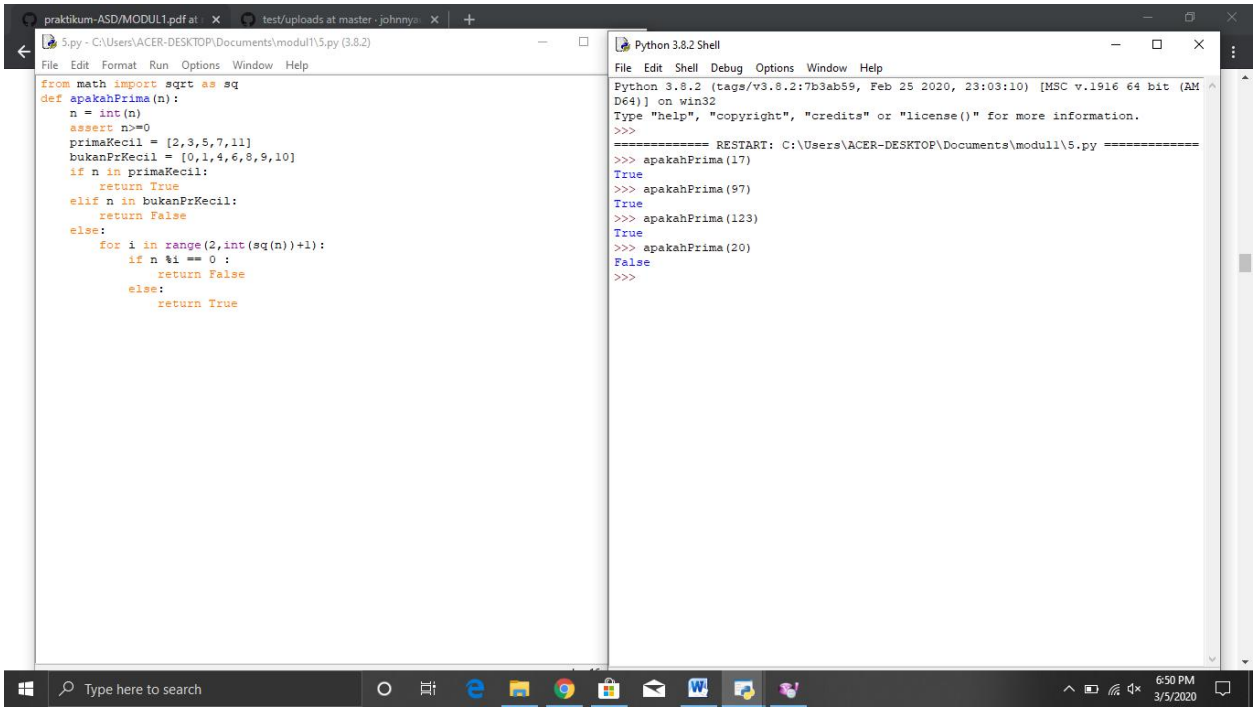
3.


Document1 - Microsoft Word
3.py - C:\Users\ACER-DESKTOP\Documents\modul1\3.py (3.8.2)
File Edit Format Run Options Window Help
def jumlahhurufvokal(input):
total = 0
vokal =['a','i','u','e','o']
for i in input:
if i in vokal:
total+=1
return [len(input),total]
v = jumlahhurufvokal("Surakarta")
print(v)
def jumlahhurufvokal(input):
total = 0
vokal =['a','i','u','e','o']
for i in input:
if i in vokal:
total+=1
return [len(input),len(input)-total]
k = jumlahhurufvokal("Surakarta")
print(k)
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\ACER-DESKTOP\Documents\modul1\3.py ==========
[9, 4]
[9, 5]
>>>
Type here to search
6:21 PM
3/5/2020

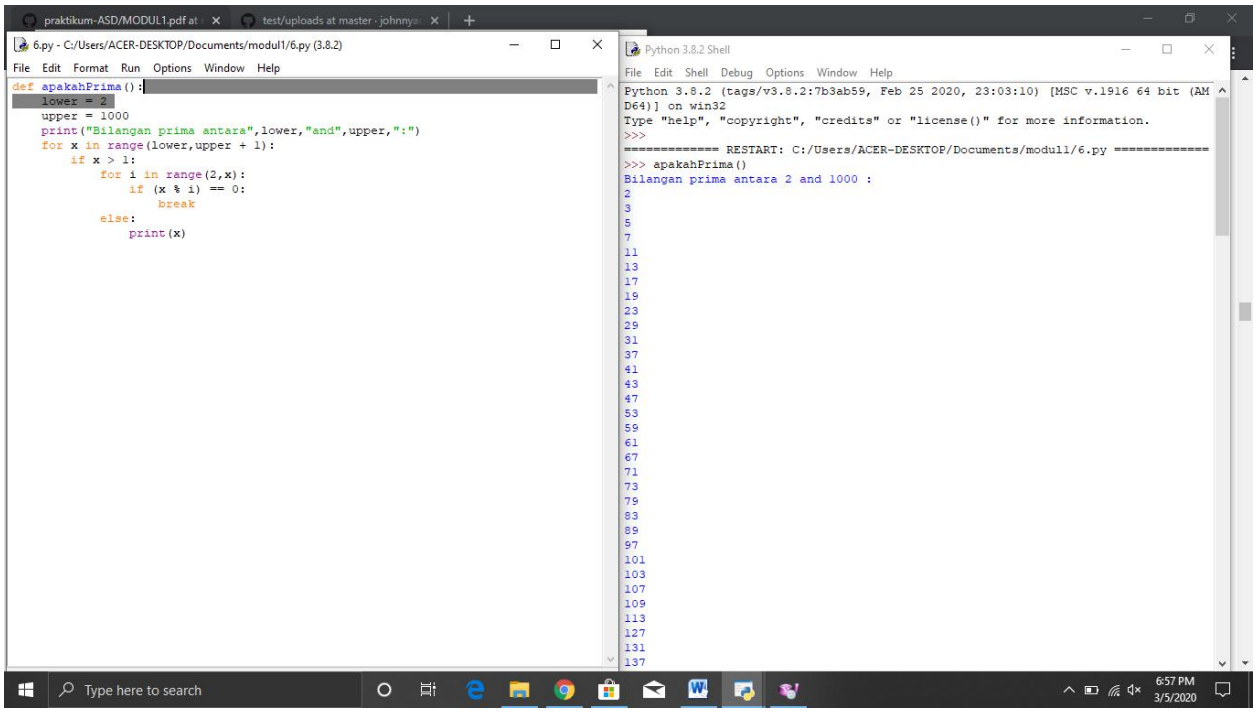
4.


praktikum-ASD/MODUL1.pdf at
test/uploads at master · johnnya
4.py - C:\Users\ACER-DESKTOP\Documents\modul1\4.py (3.8.2)
File Edit Format Run Options Window Help
def rerata(b):
k = 0
for i in (b):
k+=i
hasil = k / len(b)
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 (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\ACER-DESKTOP\Documents\modul1\4.py ==========
>>> rerata([1,2,3,4,5])
3.0
>>>
Type here to search
6:37 PM
3/5/2020

5.


praktikum-ASD/MODUL1.pdf at
test/uploads at master · johnnya
5.py - C:\Users\ACER-DESKTOP\Documents\modul1\5.py (3.8.2)
File Edit Format Run Options Window Help
from math import sqrt as sq
def apakahPrima(n):
n = int(n)
assert n>=0
primaKecil = [2,3,5,7,11]
bukanPrKecil = [0,1,4,6,8,9,10]
if n in primaKecil:
return True
elif n in bukanPrKecil:
return False
else:
for i in range(2,int(sq(n))+1):
if n %i == 0 :
return False
else:
return True
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\ACER-DESKTOP\Documents\modul1\5.py ==========
>>> apakahPrima(17)
True
>>> apakahPrima(97)
True
>>> apakahPrima(123)
True
>>> apakahPrima(20)
False
>>>
Type here to search
6:50 PM
3/5/2020

6.


praktikum-ASD/MODUL1.pdf at
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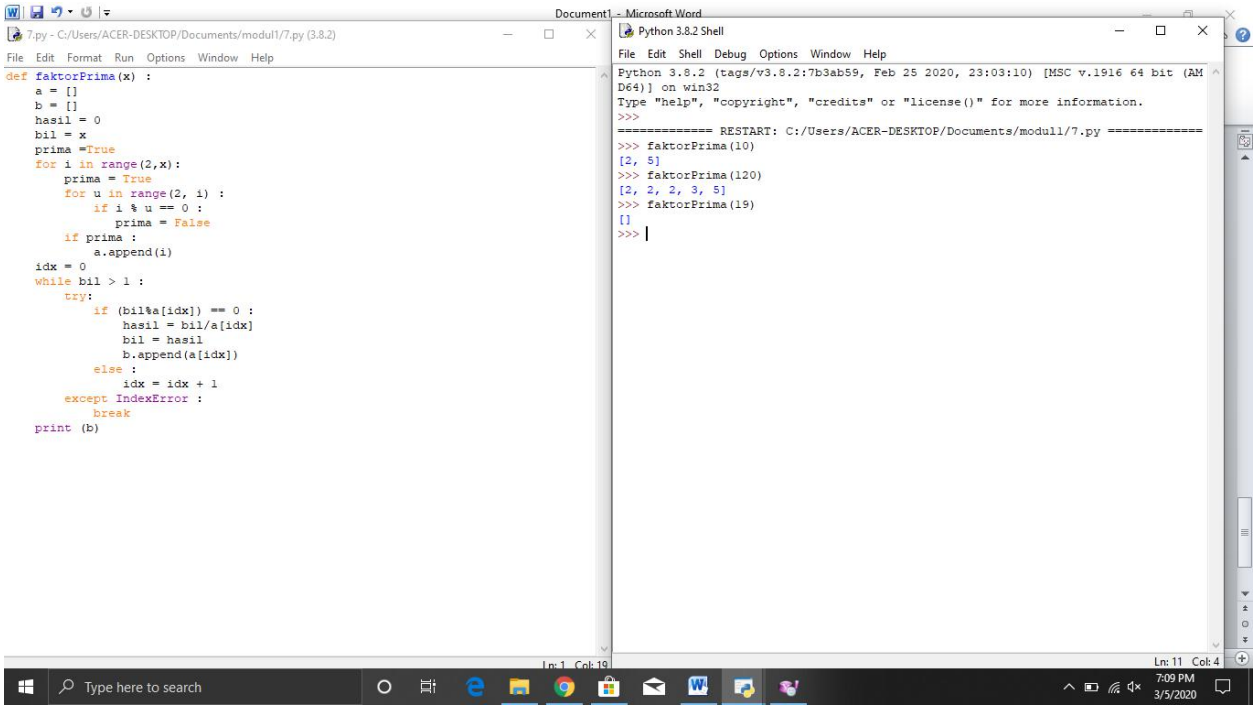
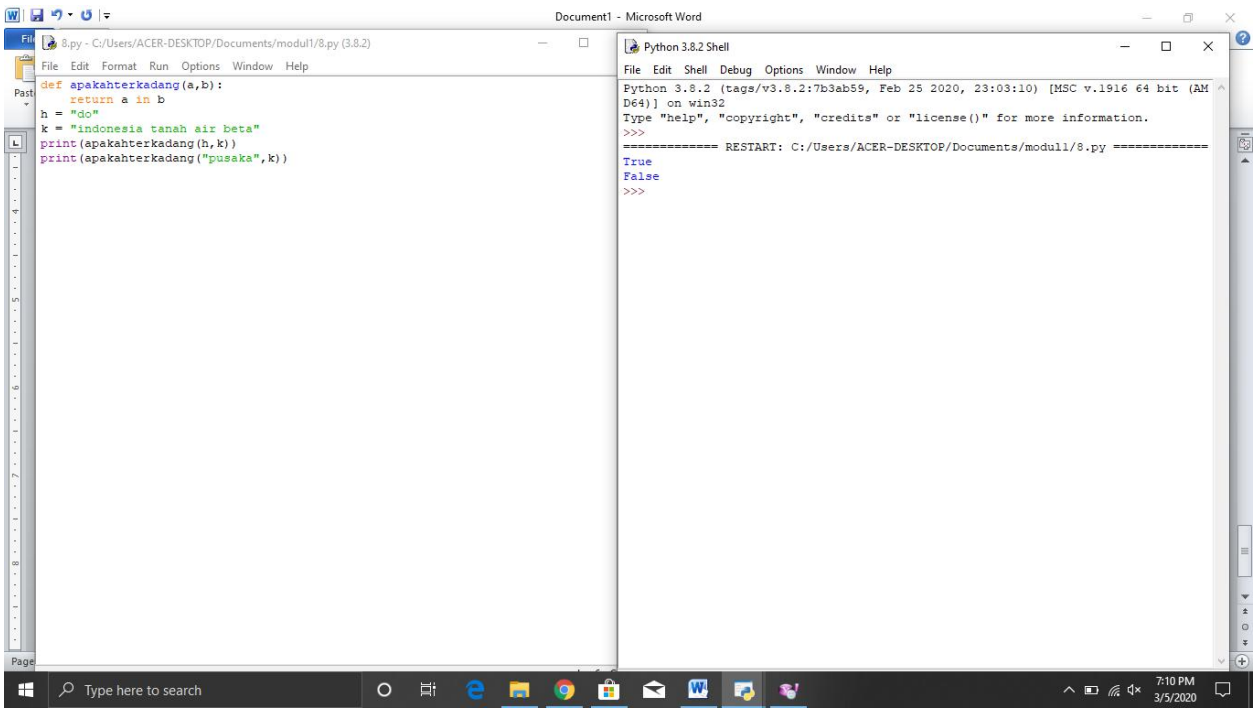
6.py - C:/Users/ACER-DESKTOP/Documents/modul1/6.py (3.8.2)
File Edit Format Run Options Window Help
def apakahPrima():
lower = 2
upper = 1000
print("Bilangan prima antara",lower,"and",upper,":")
for x in range(lower,upper + 1):
if x > 1:
for i in range(2,x):
if (x % i) == 0:
break
else:
print(x)
Python 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/ACER-DESKTOP/Documents/modul1/6.py ==========
>>> apakahPrima()
Bilangan prima antara 2 and 1000 :
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
53
59
61
67
71
73
79
83
89
97
101
103
107
109
113
127
131
137
Type here to search
6:57 PM
3/5/2020

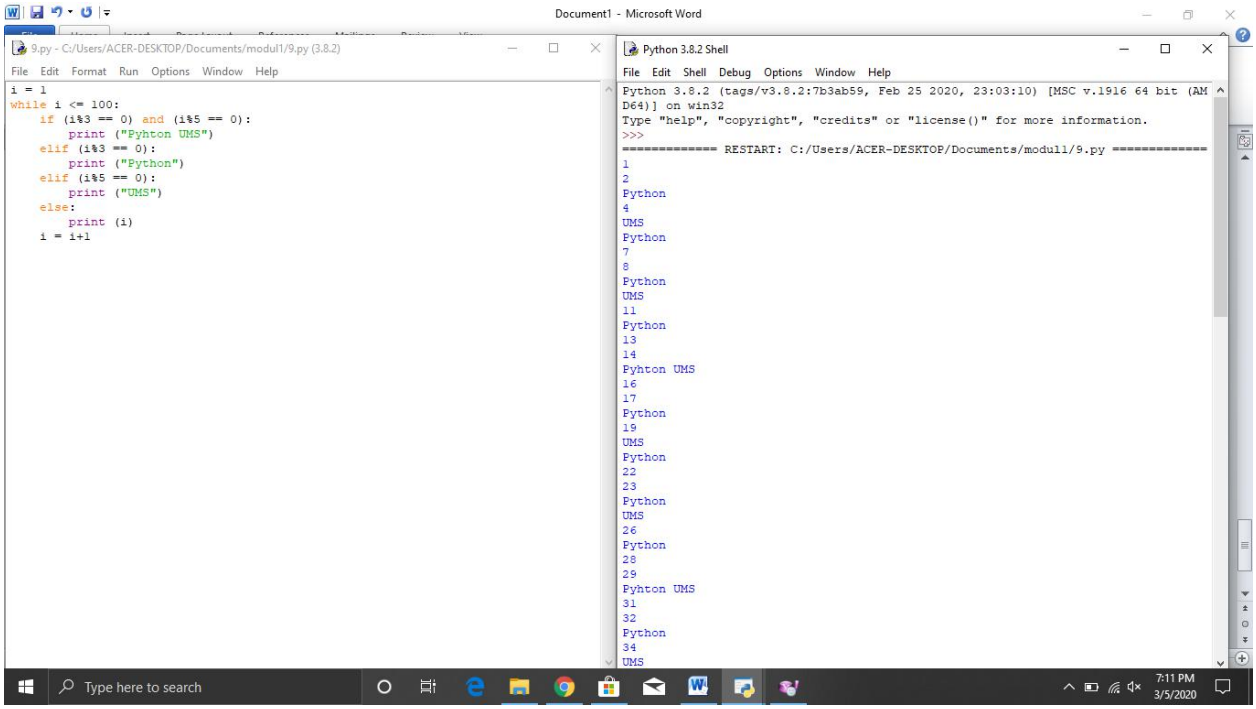
7.


Document1 - Microsoft Word
7.py - C:/Users/ACER-DESKTOP/Documents/modul1/7.py (3.8.2)
File Edit Format Run Options Window Help
def faktorPrima(x) :
a = []
b = []
hasil = 0
bil = x
prima =True
for i in range(2,x):
prima = True
for u in range(2, i) :
if i % u == 0 :
prima = False
if prima :
a.append(i)
idx = 0
while bil > 1 :
try:
if (bil%a[idx]) == 0 :
hasil = bil/a[idx]
bil = hasil
b.append(a[idx])
else :
idx = idx + 1
except IndexError :
break
print (b)
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/ACER-DESKTOP/Documents/modul1/7.py ==========
>>> faktorPrima(10)
[2, 5]
>>> faktorPrima(120)
[2, 2, 2, 3, 5]
>>> faktorPrima(19)
[]
>>>
Ln: 1 Col: 19
Ln: 11 Col: 4
Type here to search
7:09 PM
3/5/2020

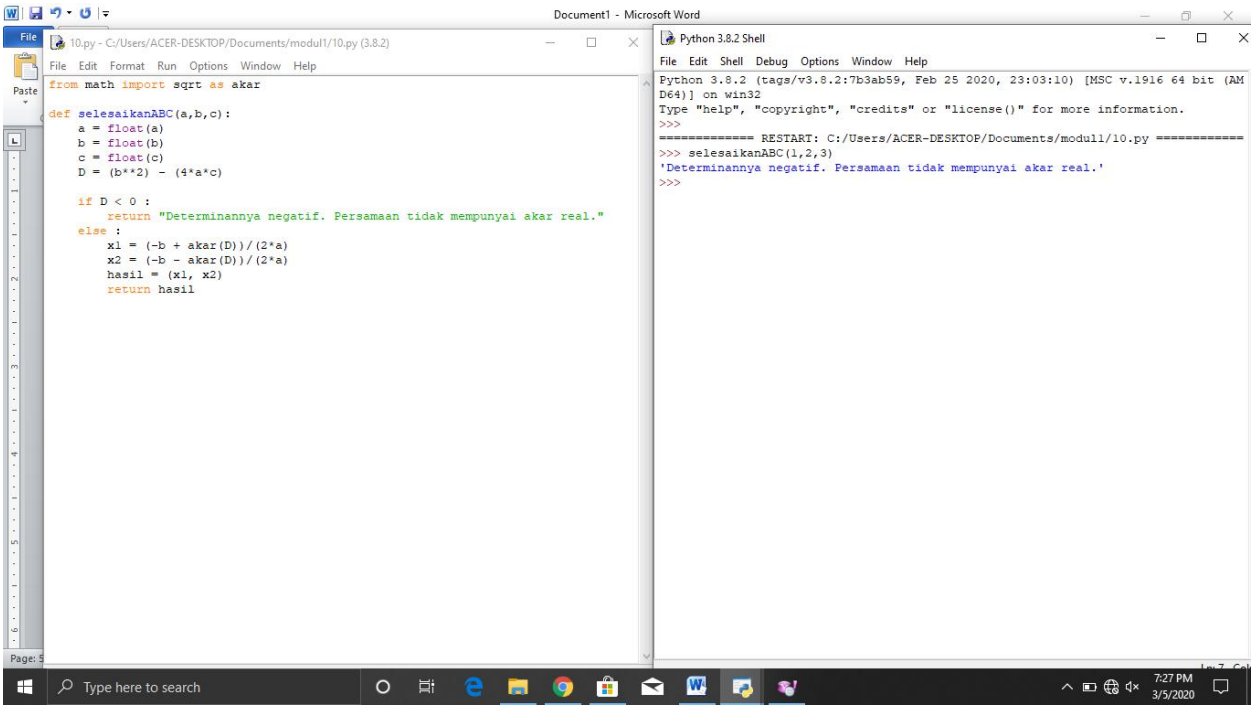
8.


Document1 - Microsoft Word
8.py - C:/Users/ACER-DESKTOP/Documents/modul1/8.py (3.8.2)
File Edit Format Run Options Window Help
def apakahterkadang(a,b):
return a in b
h = "do"
k = "indonesia tanah air beta"
print(apakahterkadang(h,k))
print(apakahterkadang("pusaka",k))
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/ACER-DESKTOP/Documents/modul1/8.py ==========
True
False
>>>
Type here to search
7:10 PM
3/5/2020

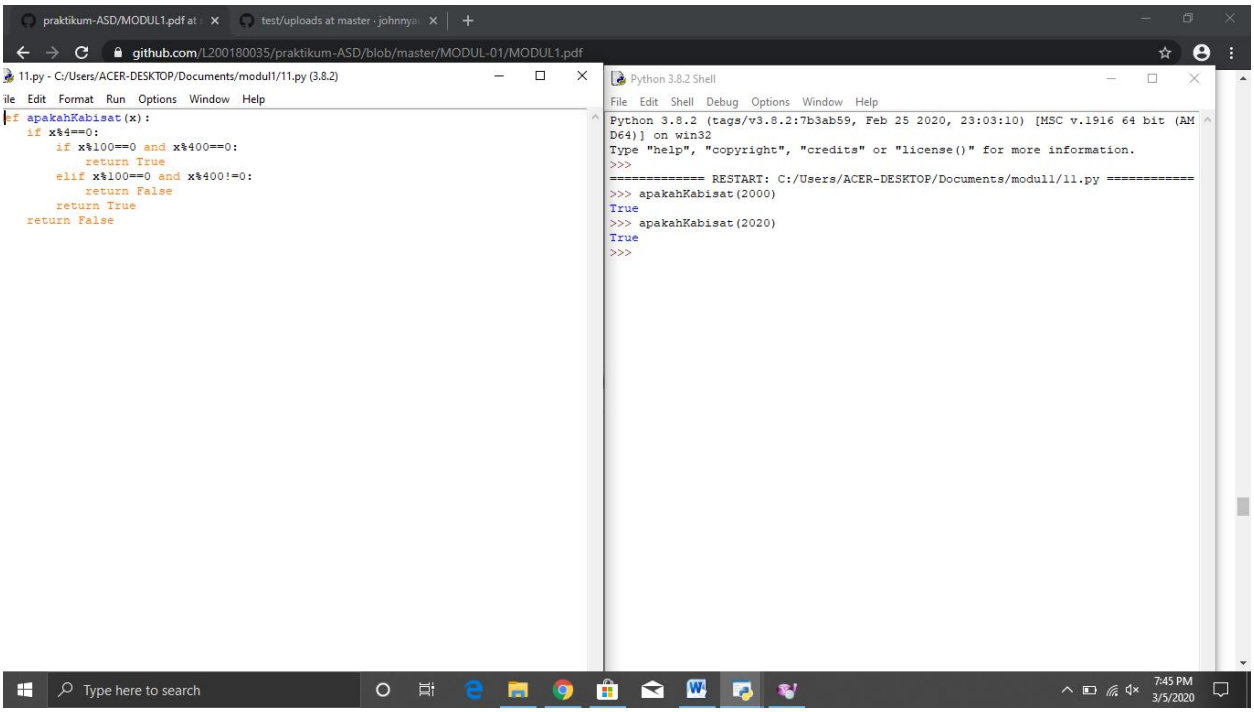
9.


Document1 - Microsoft Word
9.py - C:/Users/ACER-DESKTOP/Documents/modul1/9.py (3.8.2)
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/ACER-DESKTOP/Documents/modul1/9.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
UMS
Type here to search
7:11 PM
3/5/2020

10.


Document1 - Microsoft Word
10.py - C:/Users/ACER-DESKTOP/Documents/modul1/10.py (3.8.2)
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 (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/ACER-DESKTOP/Documents/modul1/10.py ==========
>>> selesaikanABC(1,2,3)
'Determinannya negatif. Persamaan tidak mempunyai akar real.'
>>>
Type here to search
7:27 PM
3/5/2020

11.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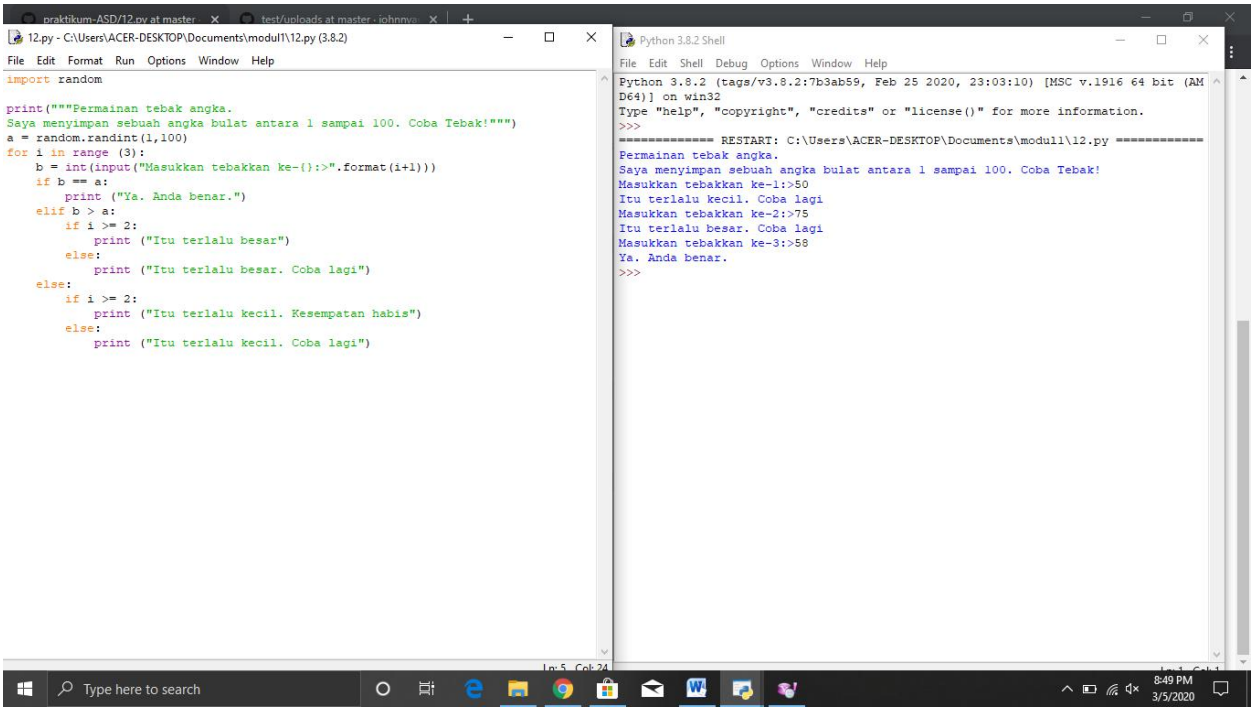
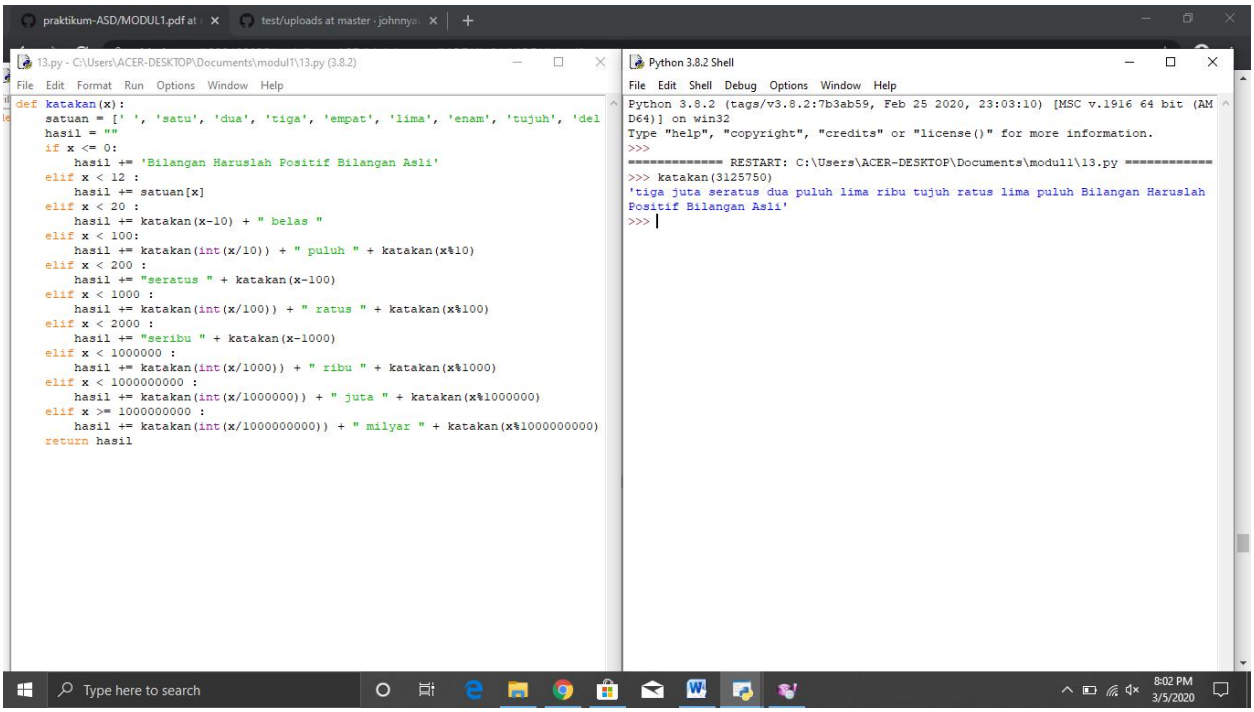
github.com/L200180035/praktikum-ASD/blob/master/MODUL-01/MODUL1.pdf
11.py - C:/Users/ACER-DESKTOP/Documents/modul1/11.py (3.8.2)
File Edit Format Run Options Window Help
def apakahKabisat(x):
if x%4==0:
if x%100==0 and x%400==0:
return True
elif x%100==0 and x%400!=0:
return False
return True
return 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 (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/ACER-DESKTOP/Documents/modul1/11.py ==========
>>> apakahKabisat(2000)
True
>>> apakahKabisat(2020)
True
>>>
Type here to search
7:45 PM
3/5/2020

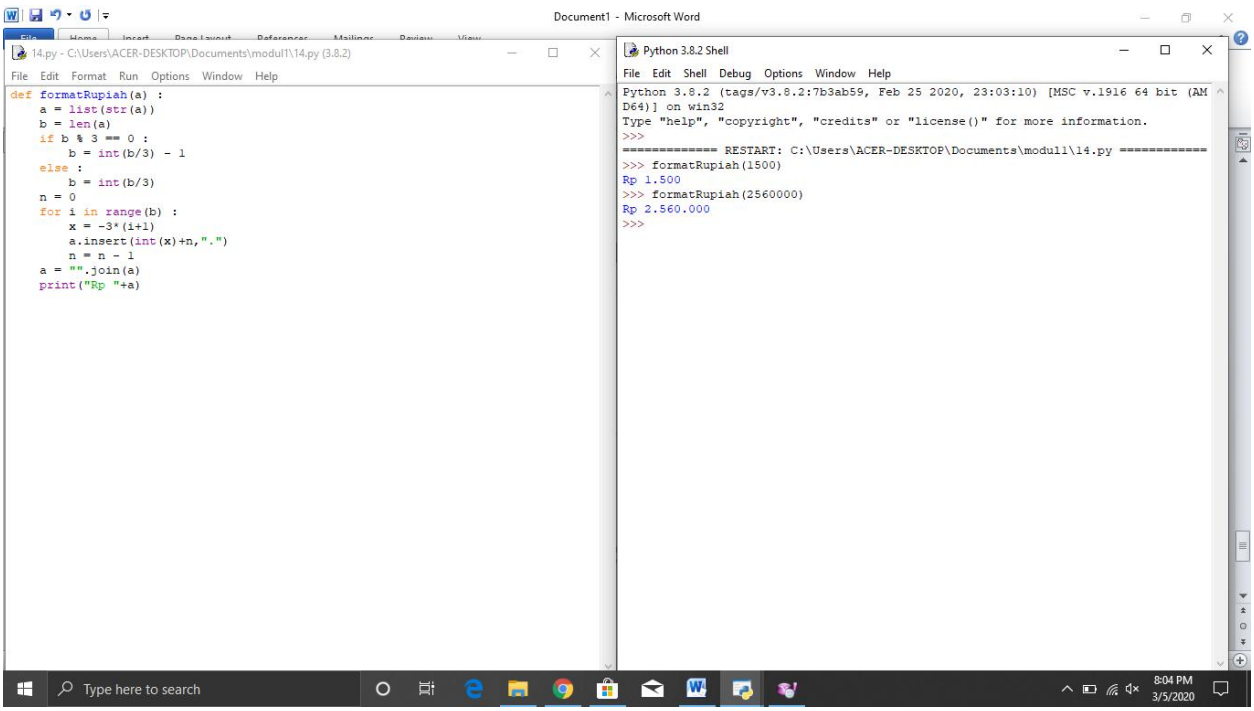
12.


12.py - C:\Users\ACER-DESKTOP\Documents\modul1\12.py (3.8.2)
File Edit Format Run Options Window Help
import random
print("""Permainan tebak angka.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba Tebak!""")
a = random.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")
else:
print ("Itu terlalu besar. Coba lagi")
else:
if i >= 2:
print ("Itu terlalu kecil. Kesempatan habis")
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 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\ACER-DESKTOP\Documents\modul1\12.py ==========
Permainan tebak angka.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba Tebak!
Masukkan tebakkan ke-1:>50
Itu terlalu kecil. Coba lagi
Masukkan tebakkan ke-2:>75
Itu terlalu besar. Coba lagi
Masukkan tebakkan ke-3:>58
Ya. Anda benar.
>>>
Type here to search
8:49 PM
3/5/2020

13.


praktikum-ASD/MODUL1.pdf at
test/uploads at master · johnnya
13.py - C:\Users\ACER-DESKTOP\Documents\modul1\13.py (3.8.2)
File Edit Format Run Options Window Help
def katakan(x):
satuan = [' ', 'satu', 'dua', 'tiga', 'empat', 'lima', 'enam', 'tujuh', 'del
hasil = ""
if x <= 0:
hasil += 'Bilangan Haruslah Positif Bilangan Asli'
elif x < 12 :
hasil += satuan[x]
elif x < 20 :
hasil += katakan(x-10) + " belas "
elif x < 100:
hasil += katakan(int(x/10)) + " puluh " + katakan(x%10)
elif x < 200 :
hasil += "seratus " + katakan(x-100)
elif x < 1000 :
hasil += katakan(int(x/100)) + " ratus " + katakan(x%100)
elif x < 2000 :
hasil += "seribu " + katakan(x-1000)
elif x < 1000000 :
hasil += katakan(int(x/1000)) + " ribu " + katakan(x%1000)
elif x < 1000000000 :
hasil += katakan(int(x/1000000)) + " juta " + katakan(x%1000000)
elif x >= 1000000000 :
hasil += katakan(int(x/1000000000)) + " milyar " + katakan(x%1000000000)
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 (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\ACER-DESKTOP\Documents\modul1\13.py ==========
>>> katakan(3125750)
'tiga juta seratus dua puluh lima ribu tujuh ratus lima puluh Bilangan Haruslah
Positif Bilangan Asli'
>>>
Type here to search
8:02 PM
3/5/2020

14.


Document1 - Microsoft Word
14.py - C:\Users\ACER-DESKTOP\Documents\modul1\14.py (3.8.2)
File Edit Format Run Options Window Help
def formatRupiah(a) :
a = list(str(a))
b = len(a)
if b % 3 == 0 :
b = int(b/3) - 1
else :
b = int(b/3)
n = 0
for i in range(b) :
x = -3*(i+1)
a.insert(int(x)+n,".")
n = n - 1
a = "".join(a)
print("Rp "+a)
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\ACER-DESKTOP\Documents\modul1\14.py ==========
>>> formatRupiah(1500)
Rp 1.500
>>> formatRupiah(2560000)
Rp 2.560.000
>>>
Type here to search
8:04 PM
3/5/2020