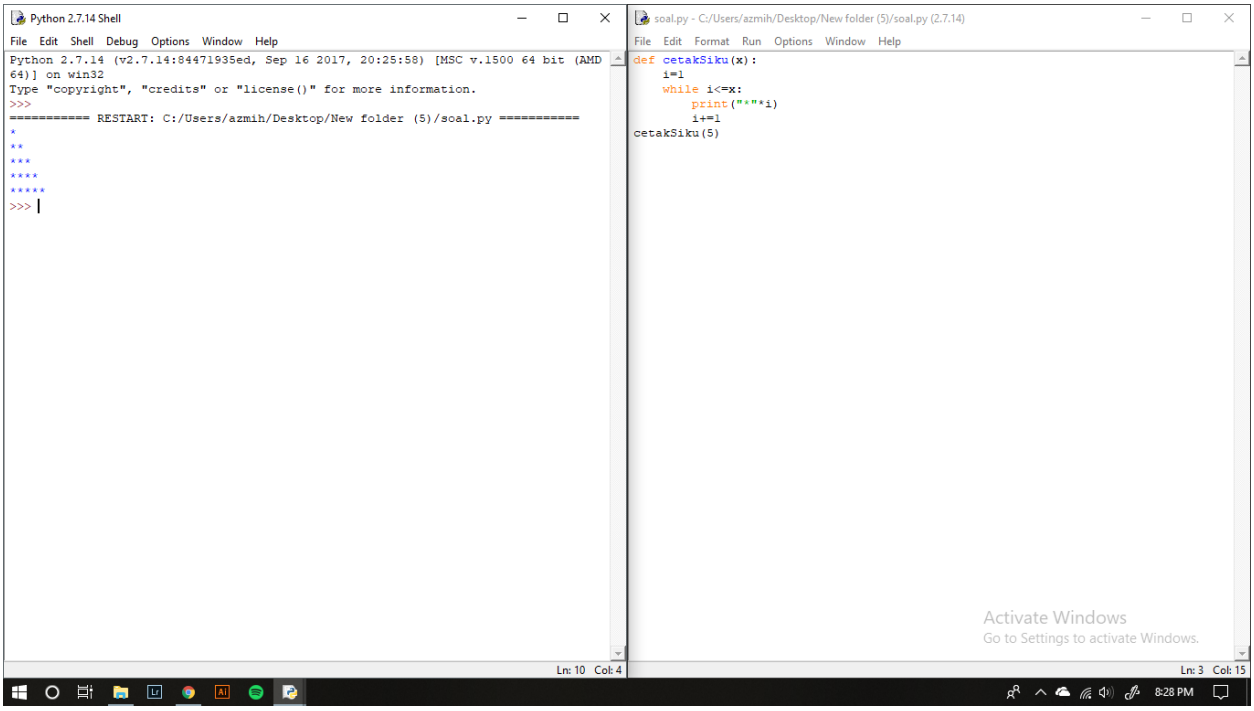
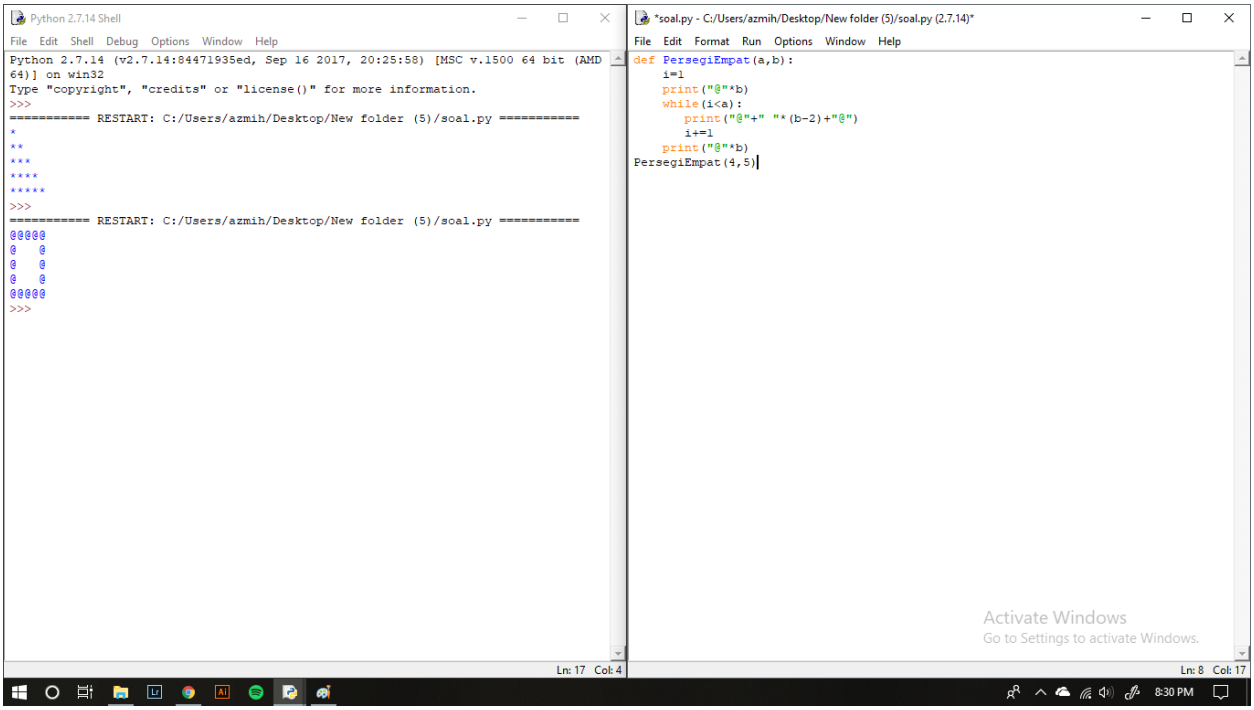
Nama : Muhammad Azmi Hidayat

NIM : L200170142

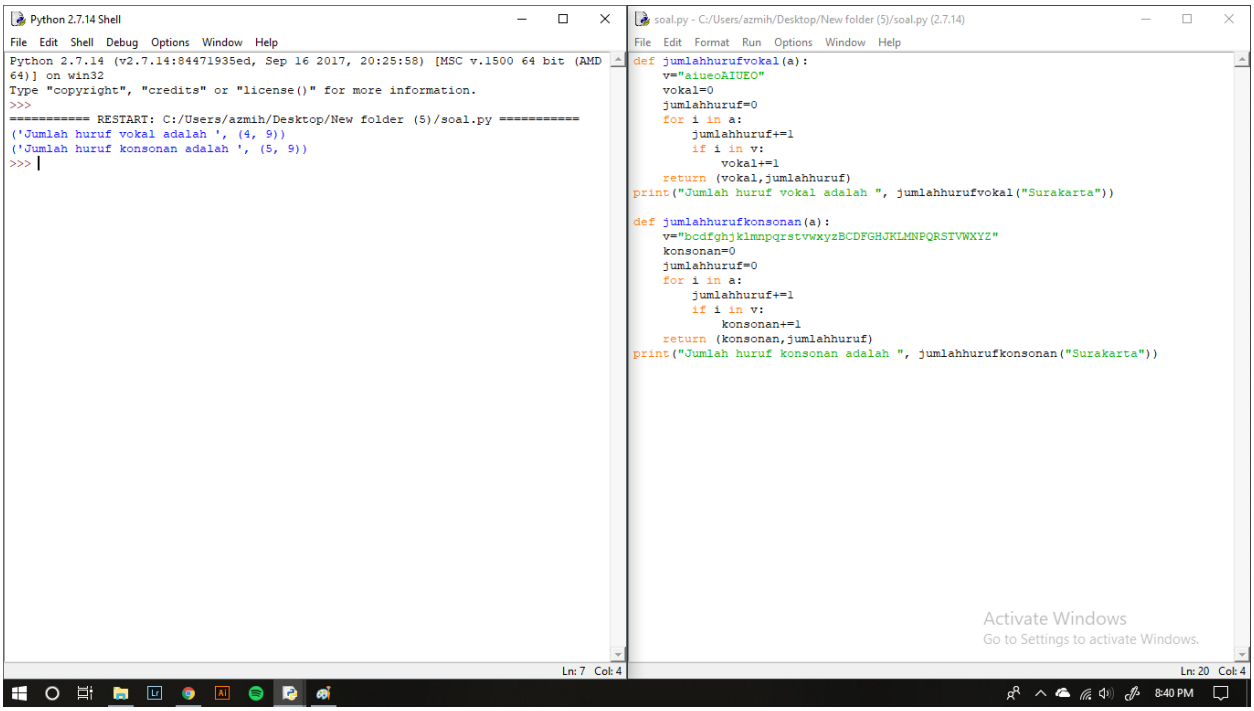
1.



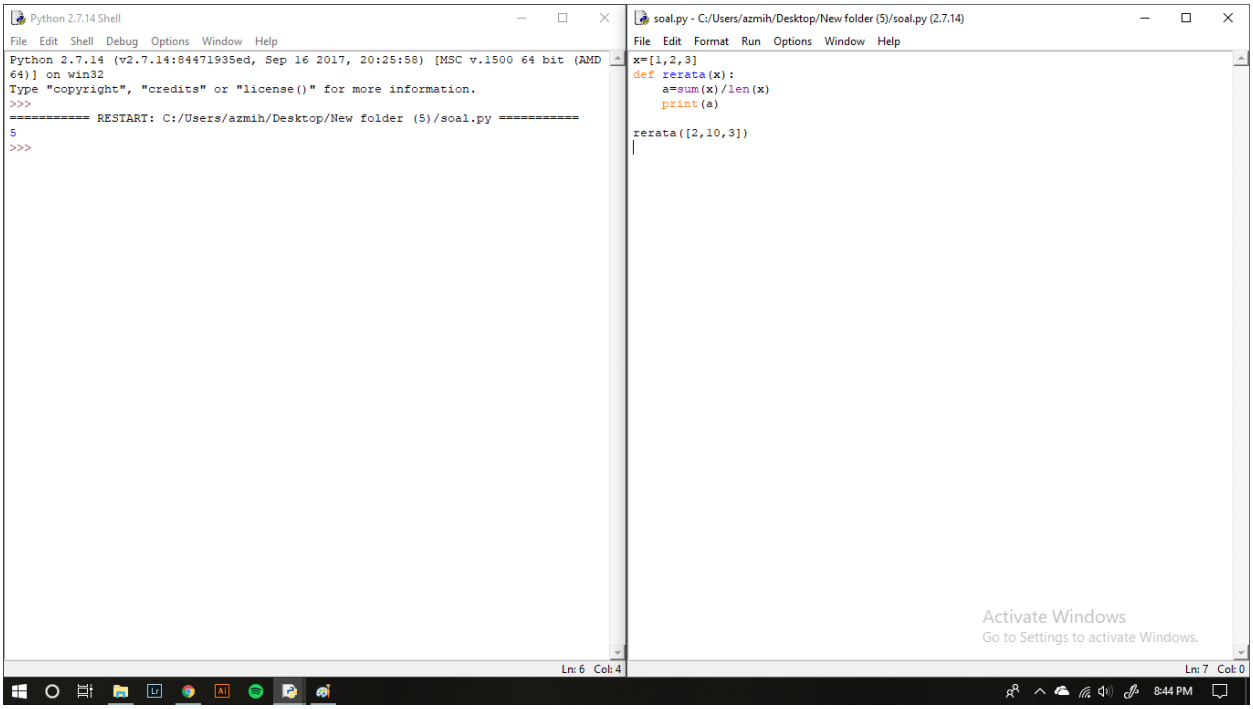

2.



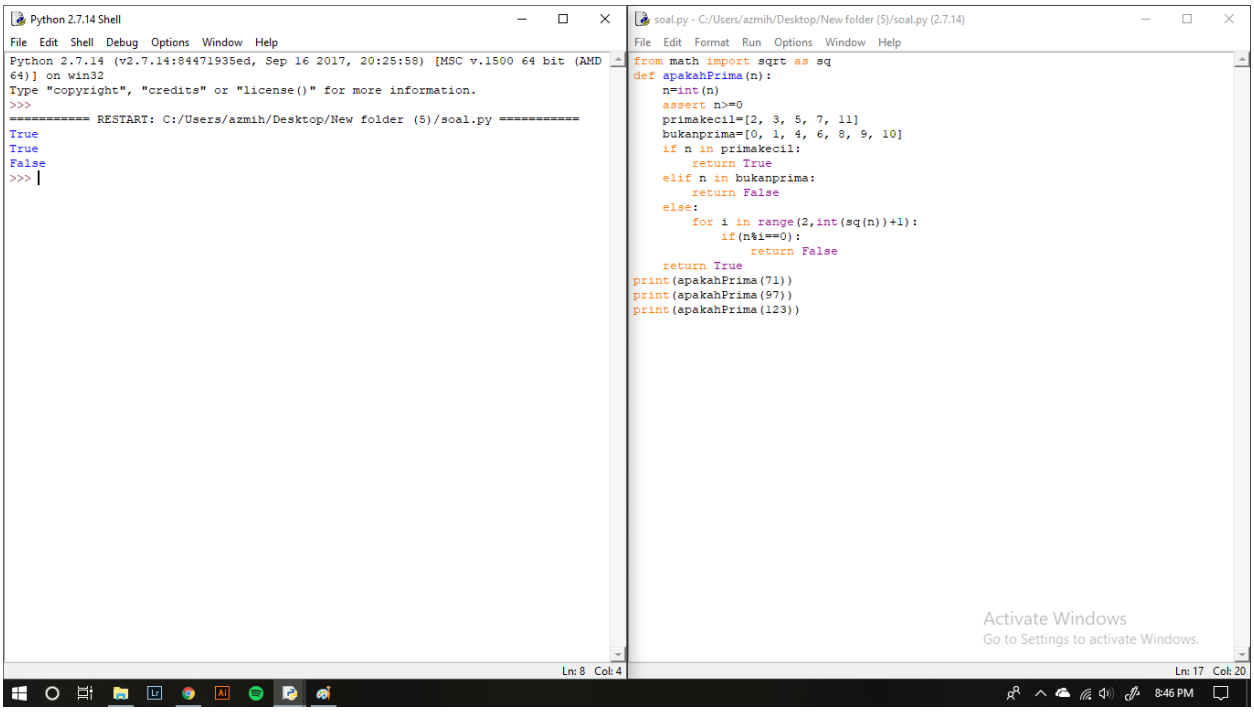
3.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AMD 64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal.py ==========
('Jumlah huruf vokal adalah ', (4, 9))
('Jumlah huruf konsonan adalah ', (5, 9))
>>>
Ln: 7 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
File Edit Format Run Options Window Help
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("Jumlah huruf vokal adalah ", jumlahhurufvokal("Surakarta"))
def jumlahhurufkonsonan(a):
v="bcdfghjklmnpqrstvwxyzBCDFGHJKLMNPQRSTVWXYZ"
konsonan=0
jumlahhuruf=0
for i in a:
jumlahhuruf+=1
if i in v:
konsonan+=1
return (konsonan,jumlahhuruf)
print("Jumlah huruf konsonan adalah ", jumlahhurufkonsonan("Surakarta"))
Activate Windows
Go to Settings to activate Windows.
Ln: 20 Col: 4
8:40 PM

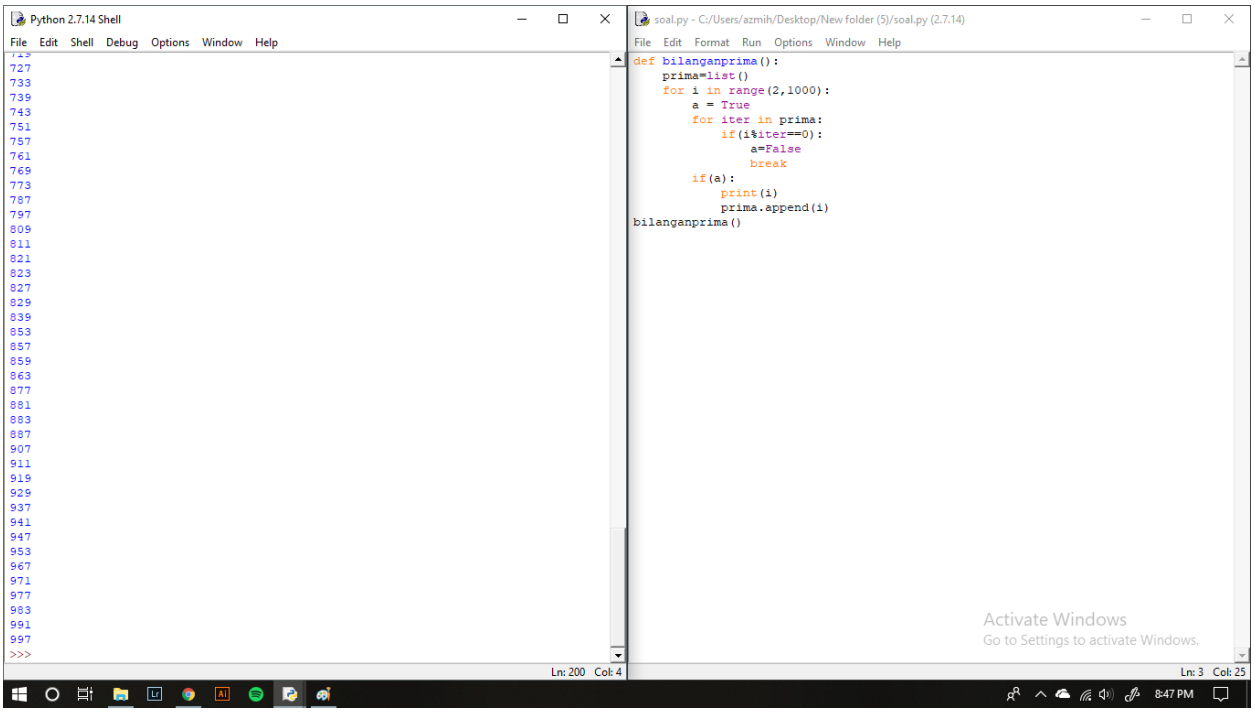
4.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AMD 64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal.py ==========
5
>>>
Ln: 6 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
File Edit Format Run Options Window Help
x=[1,2,3]
def rerata(x):
a=sum(x)/len(x)
print(a)
rerata([2,10,3])
Activate Windows
Go to Settings to activate Windows.
Ln: 7 Col: 0
8:44 PM

5.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AMD 64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal.py ==========
True
True
False
>>>
Ln: 8 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
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]
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):
return False
return True
print(apakahPrima(71))
print(apakahPrima(97))
print(apakahPrima(123))
Activate Windows
Go to Settings to activate Windows.
Ln: 17 Col: 20
8:46 PM

6.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
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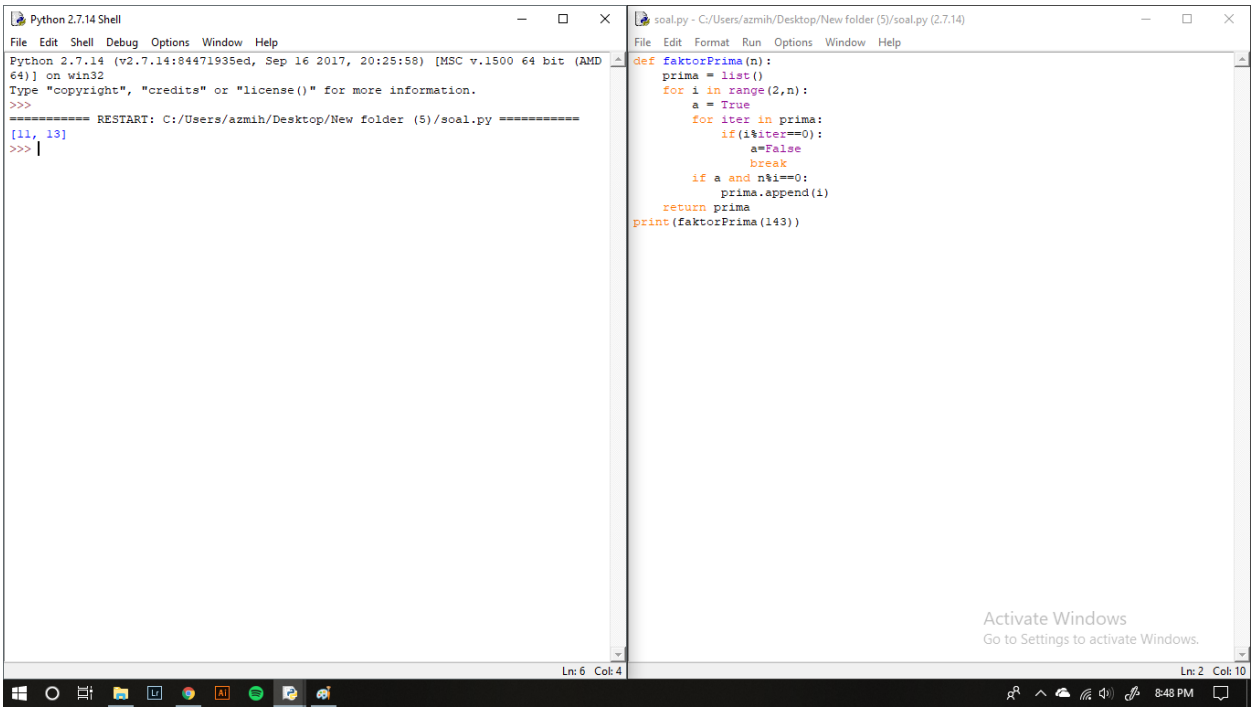
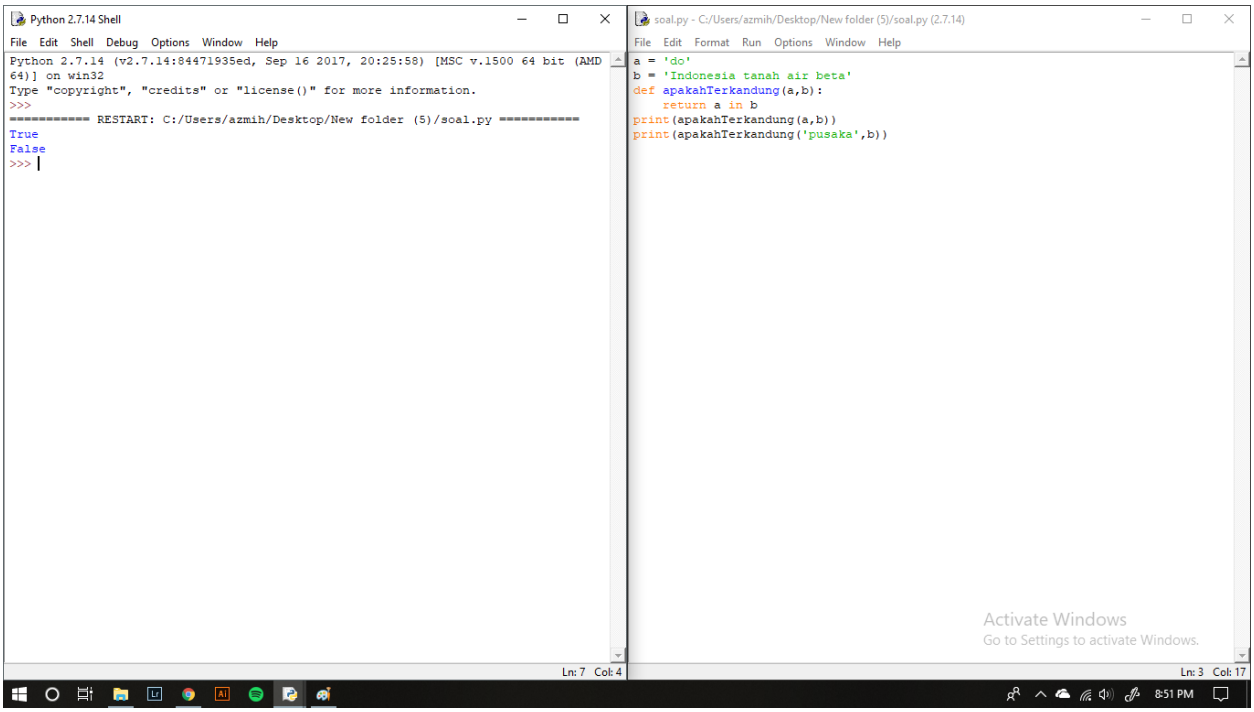
991
997
>>>
Ln: 200 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
File Edit Format Run Options Window Help
def bilanganprima():
prima=list()
for i in range(2,1000):
a = True
for iter in prima:
if(i%iter==0):
a=False
break
if(a):
print(i)
prima.append(i)
bilanganprima()
Activate Windows
Go to Settings to activate Windows.
Ln: 3 Col: 25
8:47 PM

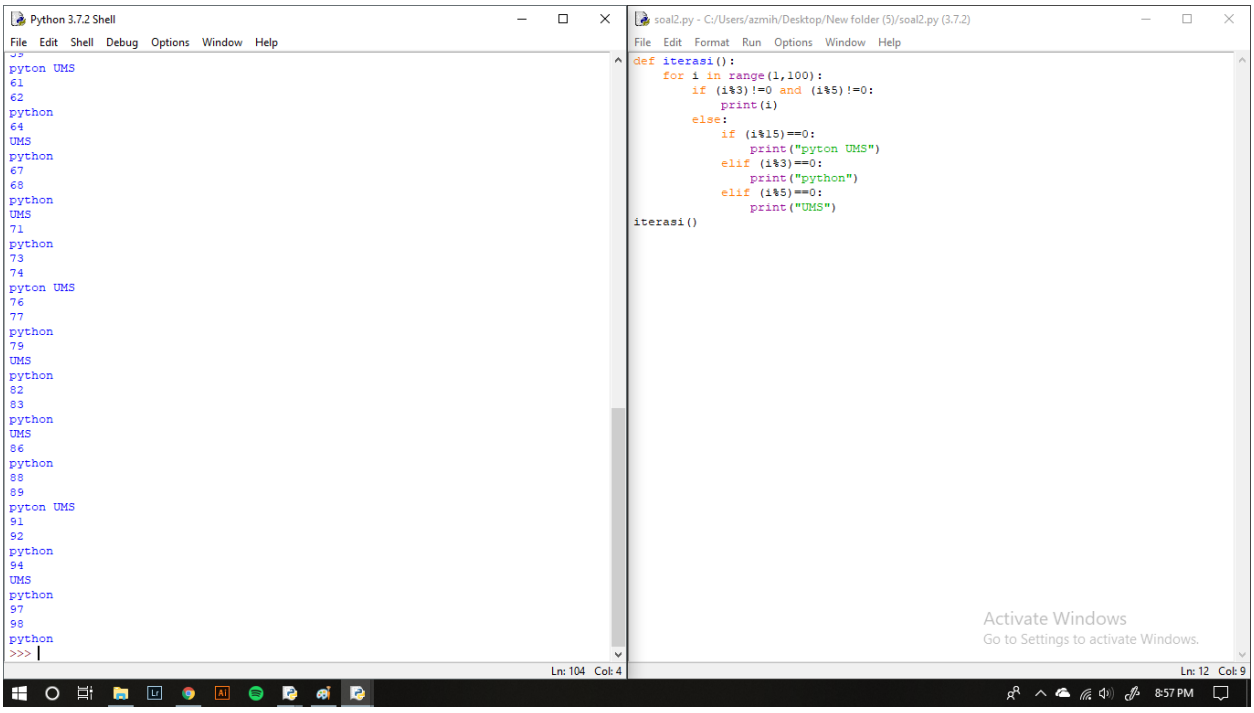
7.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AMD 64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal.py ==========
[11, 13]
>>>
Ln: 6 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
File Edit Format Run Options Window Help
def faktorPrima(n):
prima = list()
for i in range(2,n):
a = True
for iter in prima:
if(i%iter==0):
a=False
break
if a and n%i==0:
prima.append(i)
return prima
print(faktorPrima(143))
Activate Windows
Go to Settings to activate Windows.
Ln: 2 Col: 10
8:48 PM

8.


Python 2.7.14 Shell
File Edit Shell Debug Options Window Help
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AMD 64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal.py ==========
True
False
>>>
Ln: 7 Col: 4
soal.py - C:/Users/azmih/Desktop/New folder (5)/soal.py (2.7.14)
File Edit Format Run Options Window Help
a = 'do'
b = 'Indonesia tanah air beta'
def apakahTerkandung(a,b):
return a in b
print(apakahTerkandung(a,b))
print(apakahTerkandung('pusaka',b))
Activate Windows
Go to Settings to activate Windows.
Ln: 3 Col: 17
8:51 PM

9.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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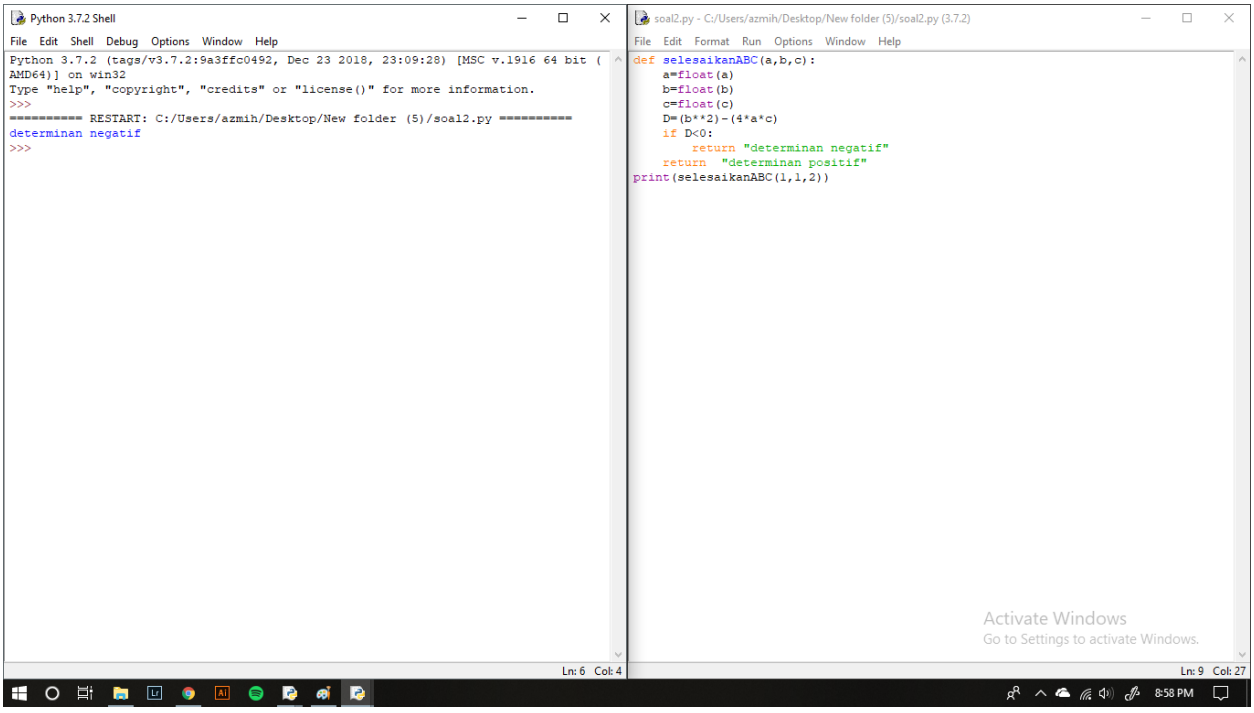
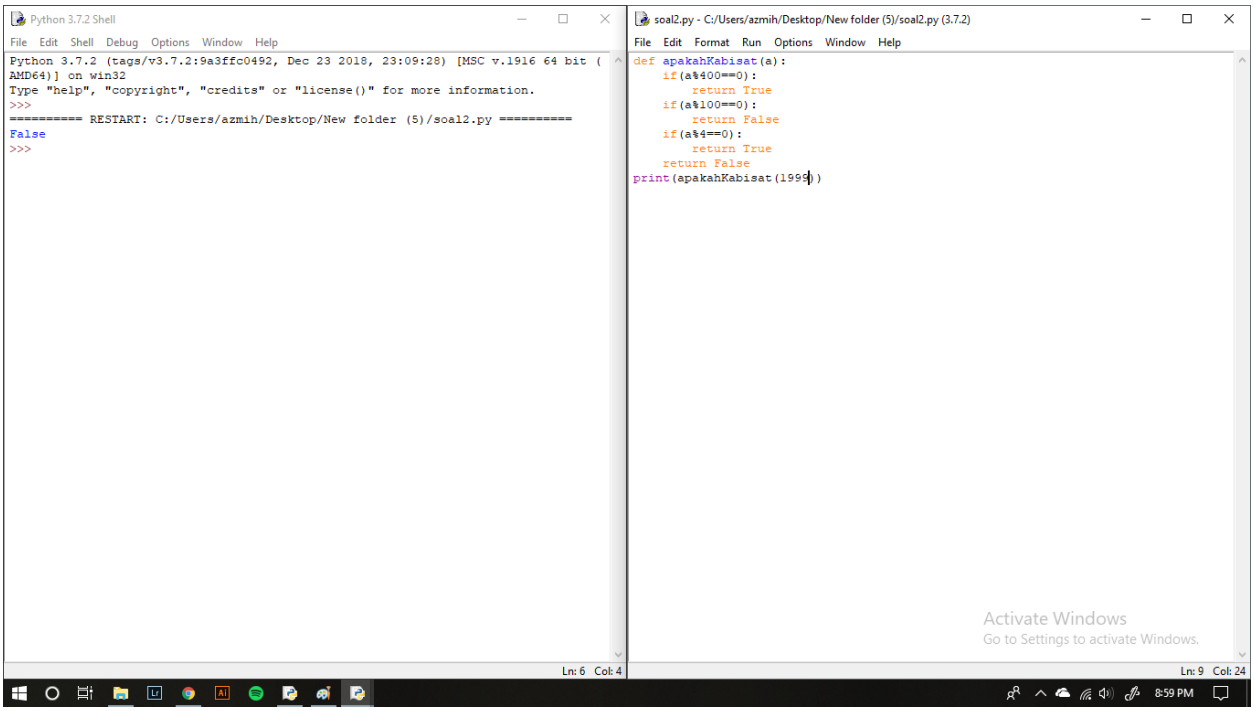
pyton UMS
91
92
python
94
UMS
python
97
98
python
>>>
Ln: 104 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
File Edit Format Run Options Window Help
def iterasi():
for i in range(1,100):
if (i%3)!=0 and (i%5)!=0:
print(i)
else:
if (i%15)==0:
print("pyton UMS")
elif (i%3)==0:
print("python")
elif (i%5)==0:
print("UMS")
iterasi()
Activate Windows
Go to Settings to activate Windows.
Ln: 12 Col: 9
8:57 PM

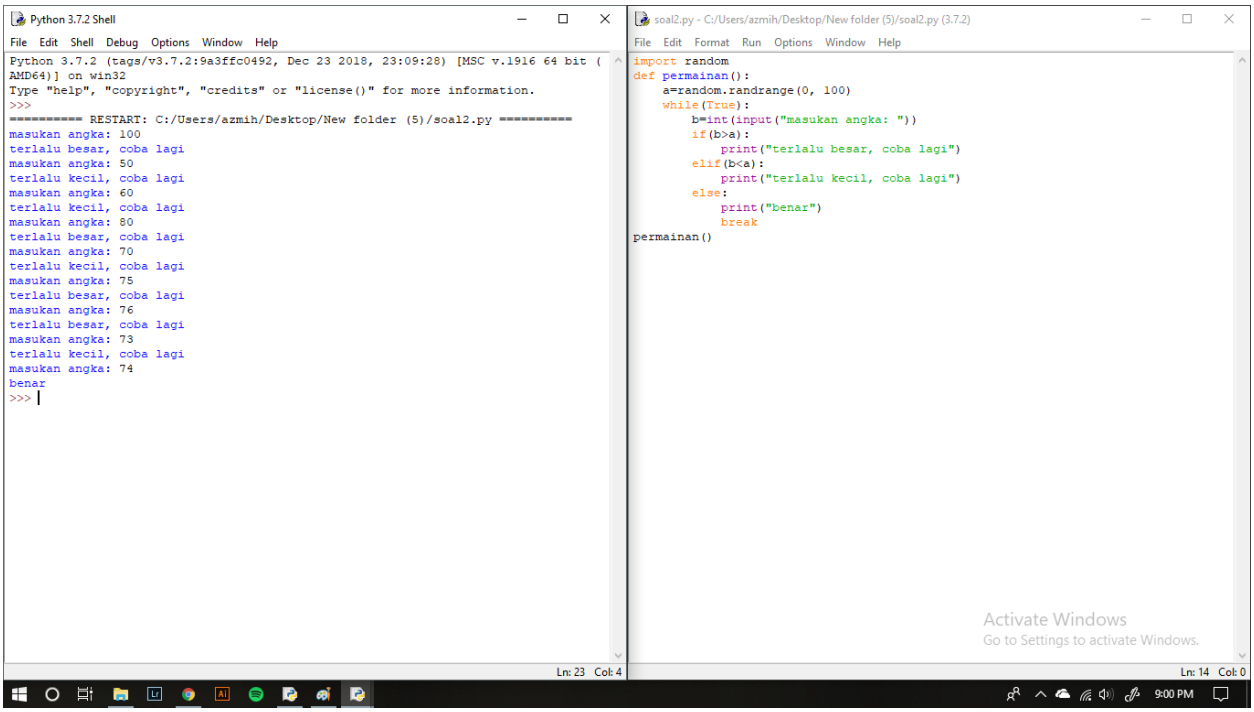
10.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal2.py ==========
determinan negatif
>>>
Ln: 6 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
File Edit Format Run Options Window Help
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))
Activate Windows
Go to Settings to activate Windows.
Ln: 9 Col: 27
8:58 PM

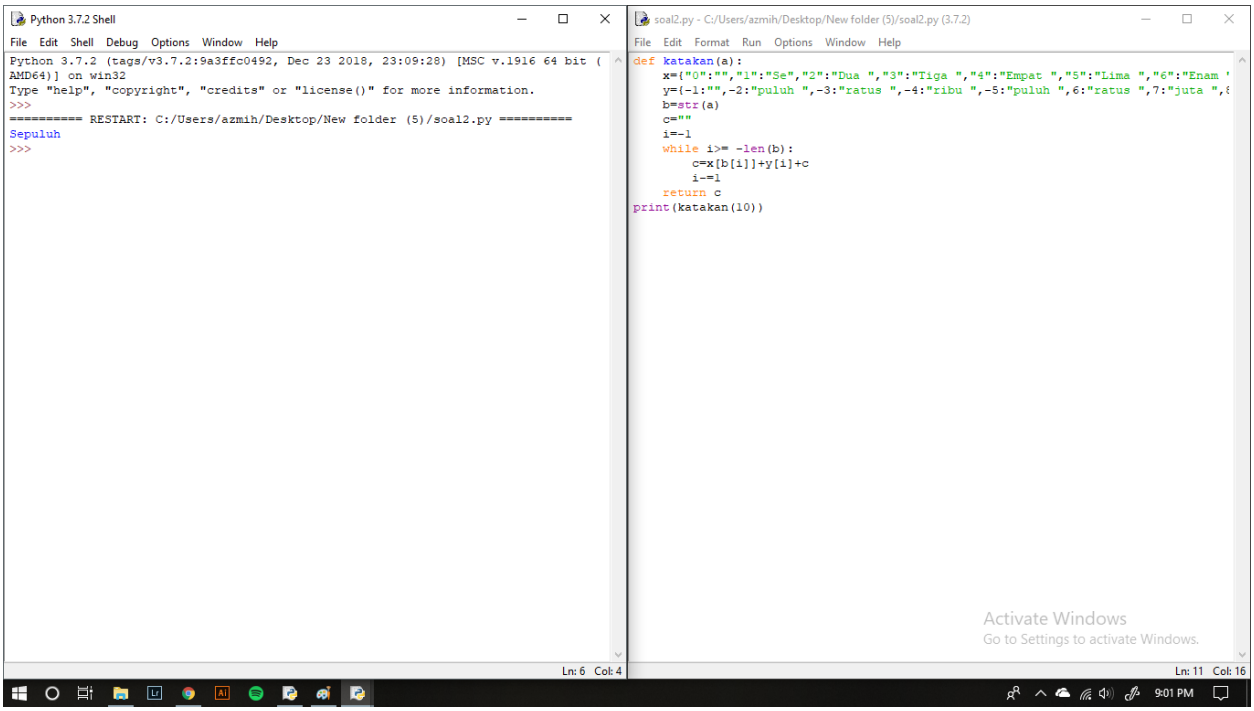
11.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal2.py ==========
False
>>>
Ln: 6 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
File Edit Format Run Options Window Help
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(1999))
Activate Windows
Go to Settings to activate Windows.
Ln: 9 Col: 24
8:59 PM

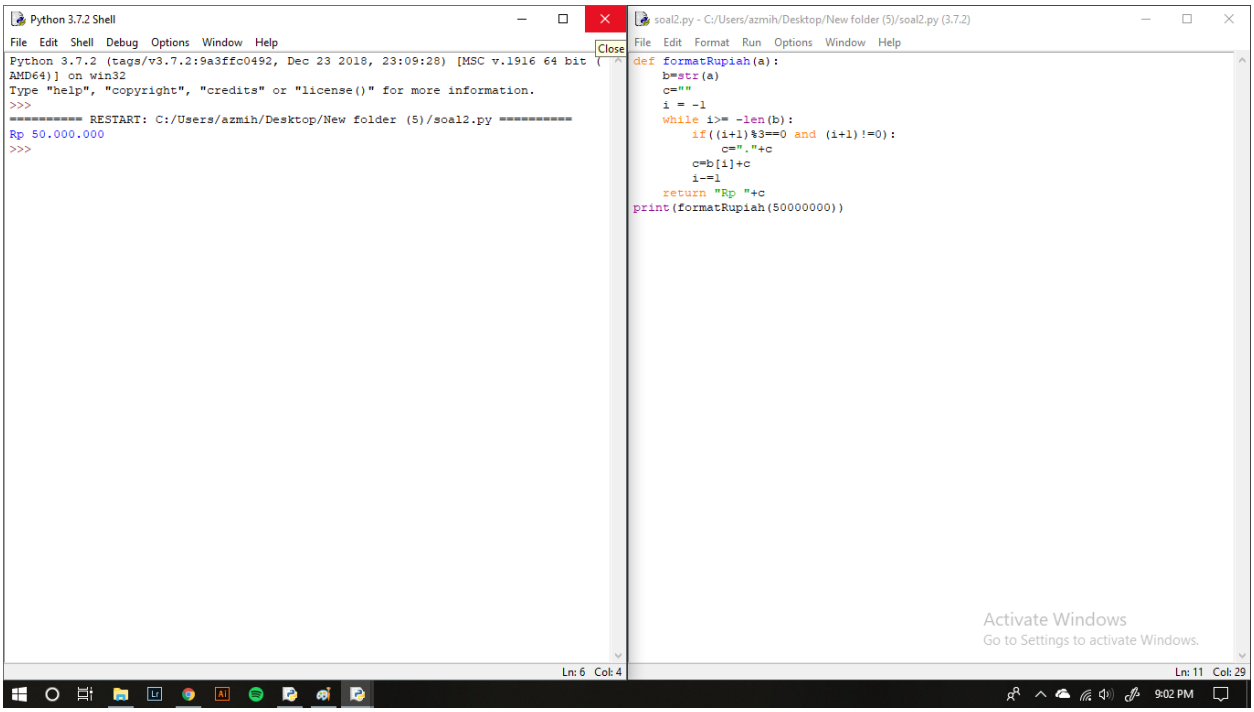
12.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal2.py ==========
masukan angka: 100
terlalu besar, coba lagi
masukan angka: 50
terlalu kecil, coba lagi
masukan angka: 60
terlalu kecil, coba lagi
masukan angka: 80
terlalu besar, coba lagi
masukan angka: 70
terlalu kecil, coba lagi
masukan angka: 75
terlalu besar, coba lagi
masukan angka: 76
terlalu besar, coba lagi
masukan angka: 73
terlalu kecil, coba lagi
masukan angka: 74
benar
>>>
Ln: 23 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
File Edit Format Run Options Window Help
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()
Activate Windows
Go to Settings to activate Windows.
Ln: 14 Col: 0
9:00 PM

13.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal2.py ==========
Sepuluh
>>>
Ln: 6 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
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)
c=""
i=-1
while i>= -len(b):
c=x[b[i]]+y[i]+c
i-=1
return c
print(katakan(10))
Activate Windows
Go to Settings to activate Windows.
Ln: 11 Col: 16
9:01 PM

14.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Close
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/azmih/Desktop/New folder (5)/soal2.py ==========
Rp 50.000.000
>>>
Ln: 6 Col: 4
soal2.py - C:/Users/azmih/Desktop/New folder (5)/soal2.py (3.7.2)
File Edit Format Run Options Window Help
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))
Activate Windows
Go to Settings to activate Windows.
Ln: 11 Col: 29
9:02 PM