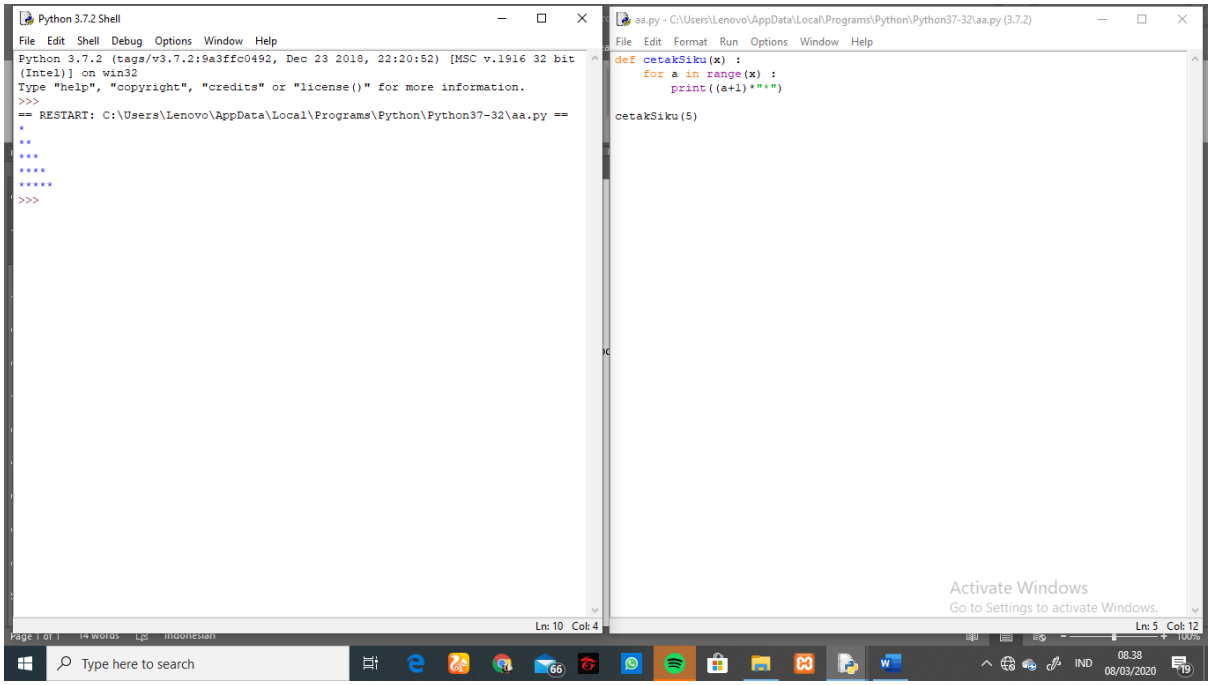
Nama : Abid Muhammad Taufiq

NIM : L200180059

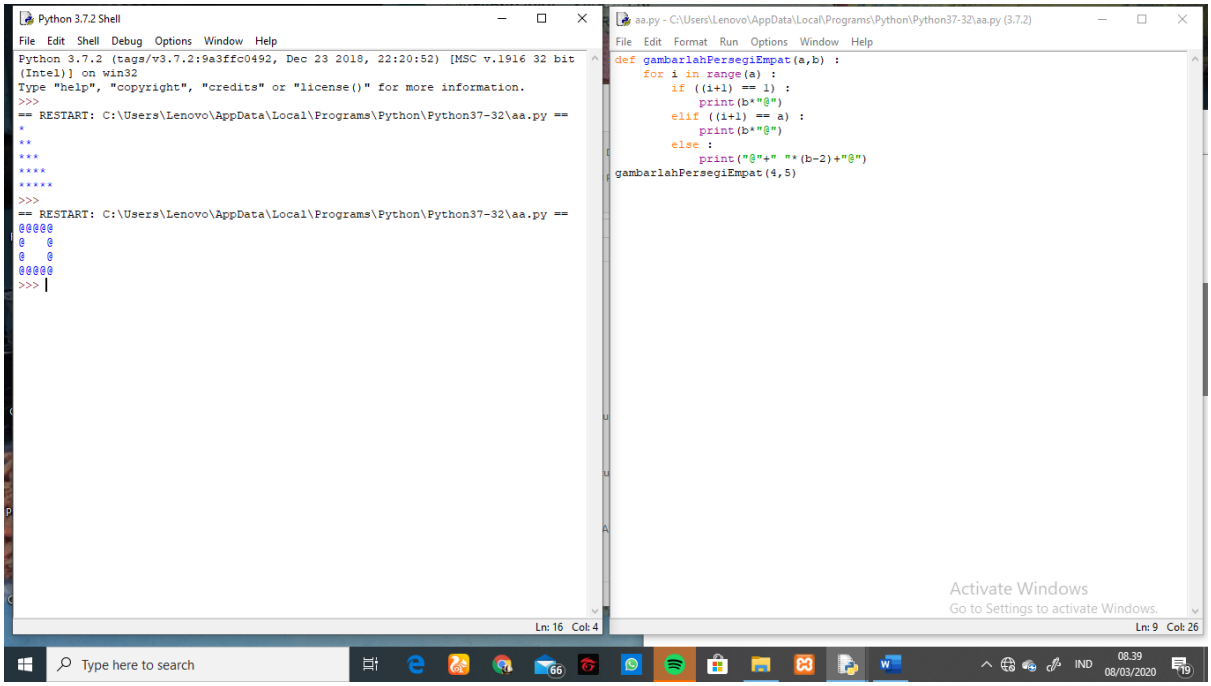
Kelas : B

Modul 1

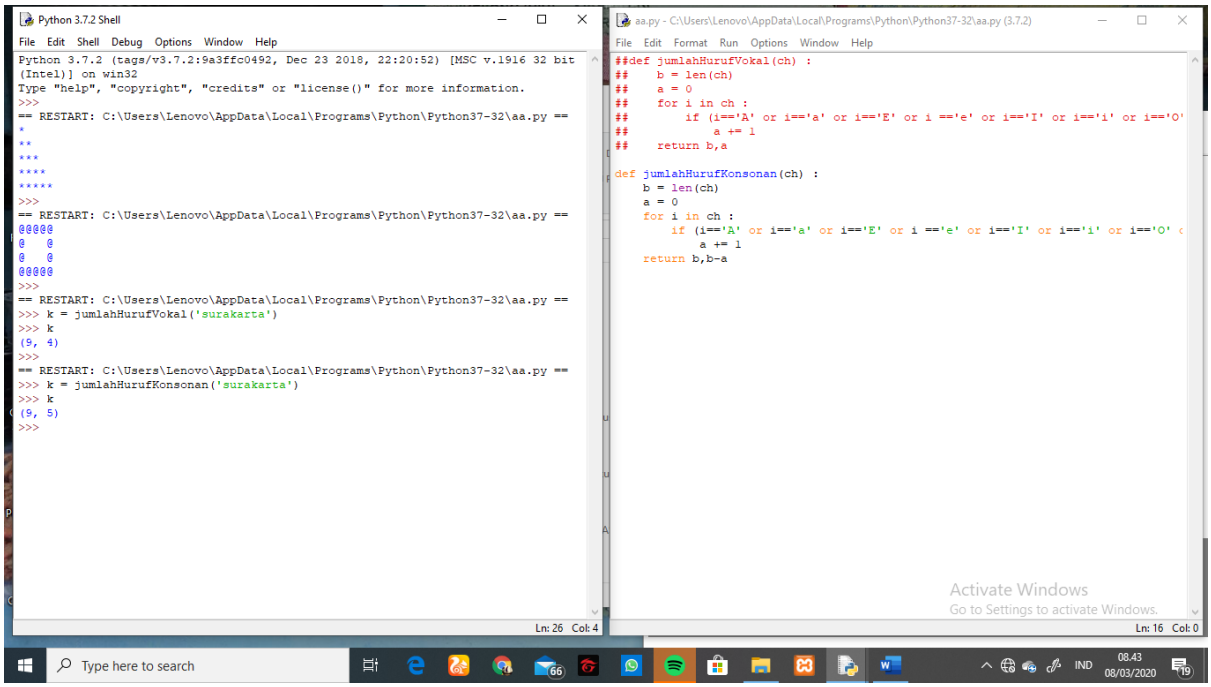
1.



2.



3.


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: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
*
**
***
****
*****
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
@@@@@
@ @
@ @
@@@@@
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufVokal('surakarta')
>>> k
(9, 4)
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufKonsonan('surakarta')
>>> k
(9, 5)
>>>
Ln: 26 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
##def jumlahHurufVokal(ch) :
b = len(ch)
a = 0
for i in ch :
if (i=='A' or i=='a' or i=='E' or i =='e' or i=='I' or i=='i' or i=='O'
a += 1
return b,a
def jumlahHurufKonsonan(ch) :
    b = len(ch)
    a = 0
    for i in ch :
        if (i=='A' or i=='a' or i=='E' or i =='e' or i=='I' or i=='i' or i=='O'
            a += 1
    return b,b-a
Activate Windows
Go to Settings to activate Windows.
Ln: 16 Col: 0
Type here to search
IND
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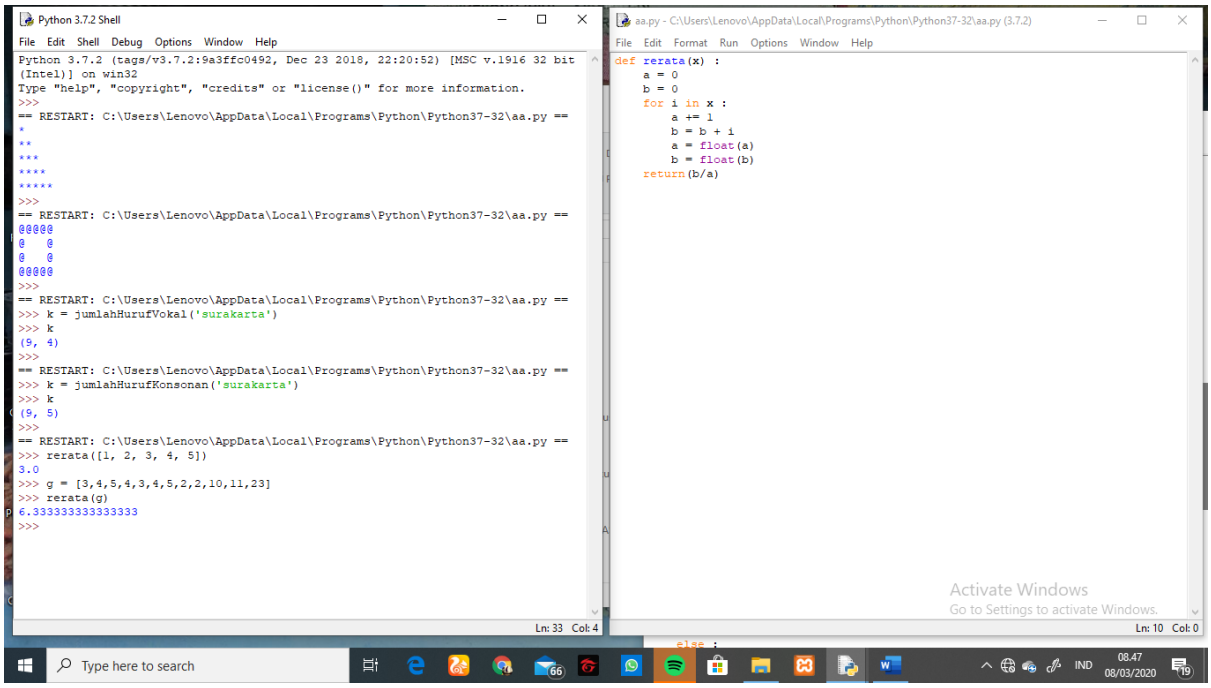
4.


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: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
*
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>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
@@@@@
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>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufVokal('surakarta')
>>> k
(9, 4)
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufKonsonan('surakarta')
>>> k
(9, 5)
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> rerata([1, 2, 3, 4, 5])
3.0
>>> g = [3,4,5,4,3,4,5,2,2,10,11,23]
>>> rerata(g)
6.333333333333333
>>>
Ln: 33 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def rerata(x) :
    a = 0
    b = 0
    for i in x :
        a += 1
        b = b + i
        a = float(a)
        b = float(b)
    return(b/a)
Activate Windows
Go to Settings to activate Windows.
Ln: 10 Col: 0
Type here to search
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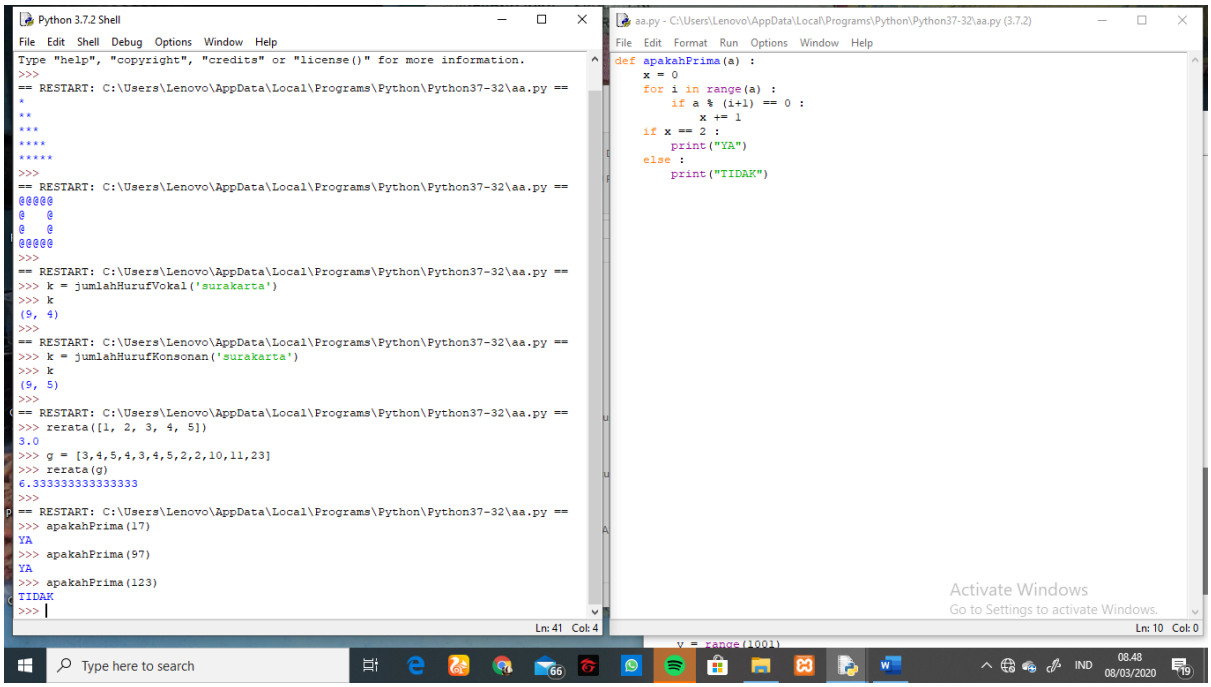
5.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
*
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***
****
*****
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
@@@@@
@ @
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@@@@@
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufVokal('surakarta')
>>> k
(9, 4)
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> k = jumlahHurufKonsonan('surakarta')
>>> k
(9, 5)
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> rerata([1, 2, 3, 4, 5])
3.0
>>> g = [3,4,5,4,3,4,5,2,2,10,11,23]
>>> rerata(g)
6.333333333333333
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> apakahPrima(17)
YA
>>> apakahPrima(97)
YA
>>> apakahPrima(123)
TIDAK
>>>
Ln: 41 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def apakahPrima(a) :
x = 0
for i in range(a) :
if a % (i+1) == 0 :
x += 1
if x == 2 :
print("YA")
else :
print("TIDAK")
Activate Windows
Go to Settings to activate Windows.
Ln: 10 Col: 0
Type here to search
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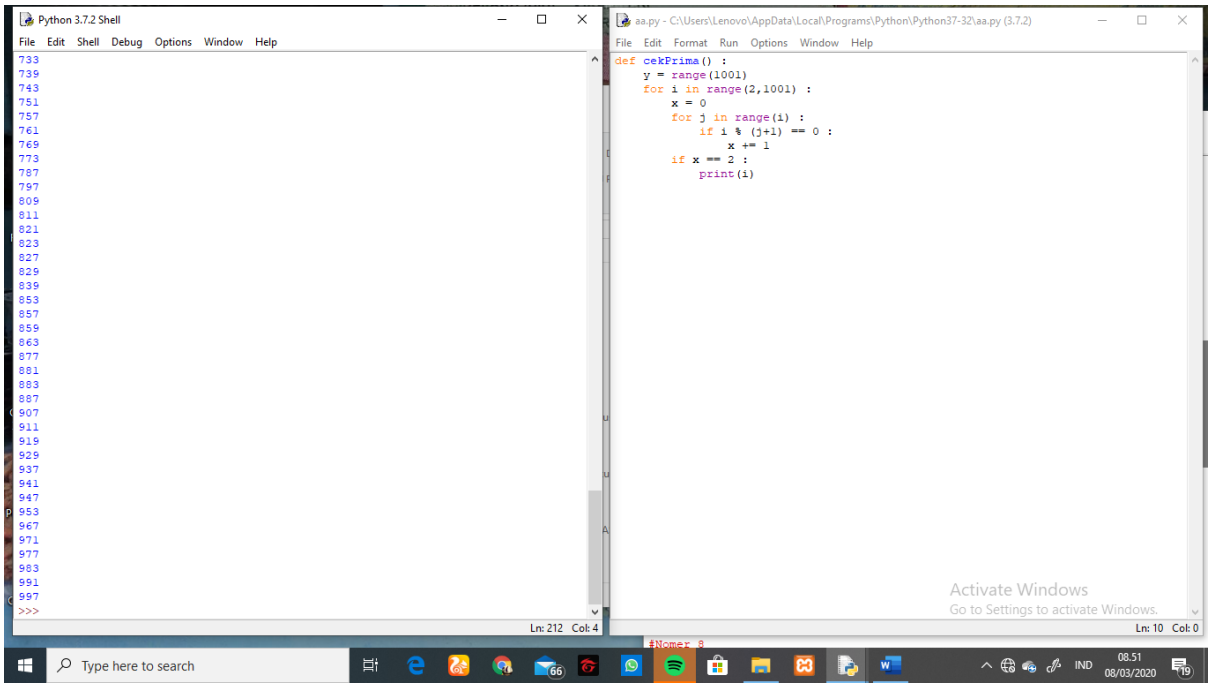
6.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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863
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887
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937
941
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953
967
971
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983
991
997
>>>
Ln: 212 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def cekPrima() :
y = range(1001)
for i in range(2,1001) :
x = 0
for j in range(i) :
if i % (j+1) == 0 :
x += 1
if x == 2 :
print(i)
Activate Windows
Go to Settings to activate Windows.
Ln: 10 Col: 0
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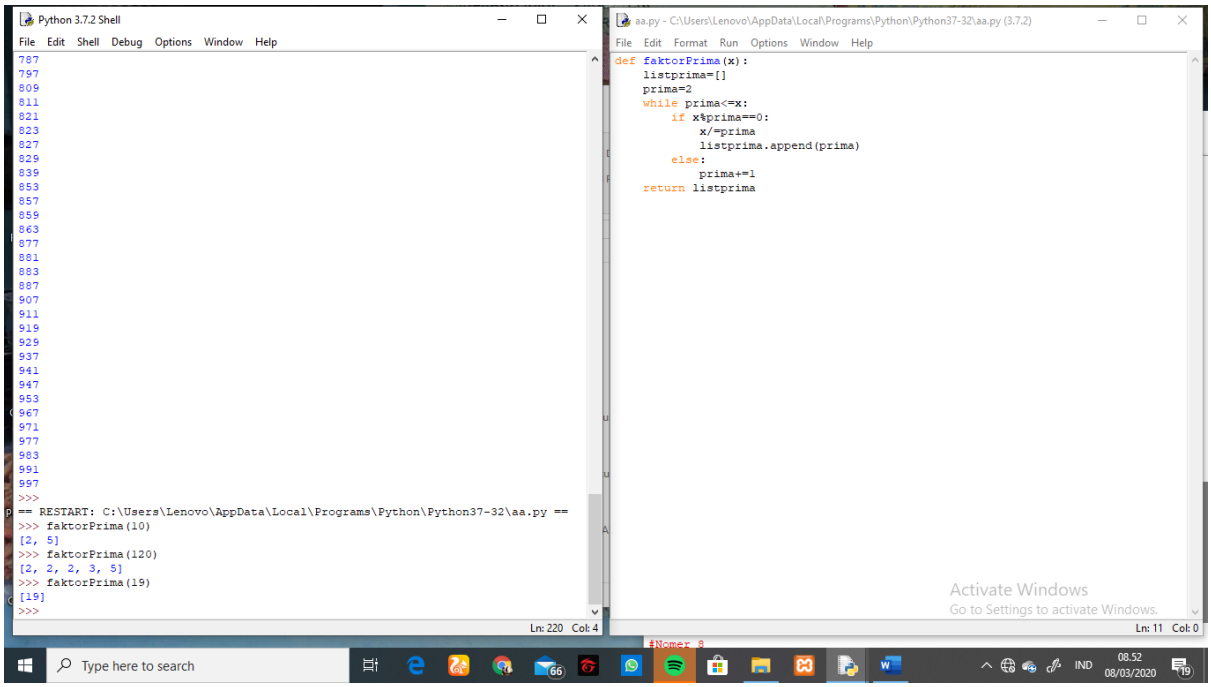
7.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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863
877
881
883
887
907
911
919
929
937
941
947
953
967
971
977
983
991
997
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> faktorPrima(10)
[2, 5]
>>> faktorPrima(120)
[2, 2, 2, 3, 5]
>>> faktorPrima(19)
[19]
>>>
Ln: 220 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def faktorPrima(x):
listprima=[]
prima=2
while prima<=x:
if x%prima==0:
x/=prima
listprima.append(prima)
else:
prima+=1
return listprima
#Nomer 8
Ln: 11 Col: 0
Activate Windows
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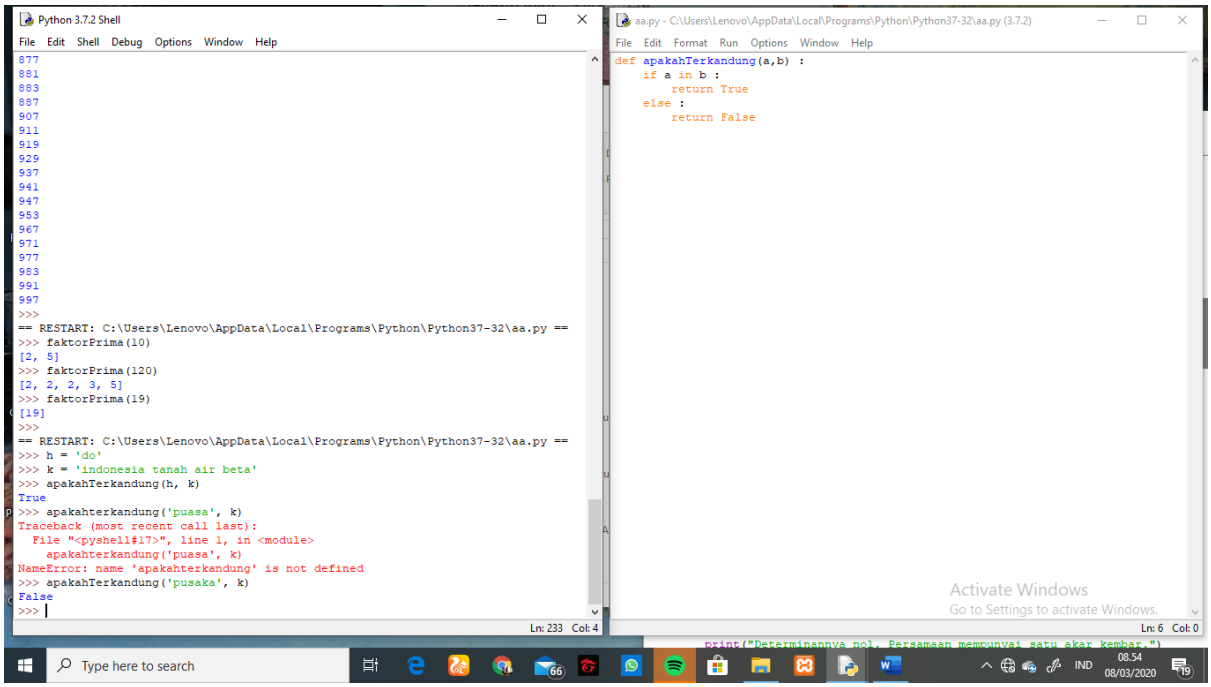
8.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
877
881
883
887
907
911
919
929
937
941
947
953
967
971
977
983
991
997
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> faktorPrima(10)
[2, 5]
>>> faktorPrima(120)
[2, 2, 2, 3, 5]
>>> faktorPrima(19)
[19]
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> h = 'do'
>>> k = 'indonesia tanah air beta'
>>> apakahTerkandung(h, k)
True
>>> apakahterkandung('puasa', k)
Traceback (most recent call last):
File "<pyshell#17>", line 1, in <module>
apakahterkandung('puasa', k)
NameError: name 'apakahterkandung' is not defined
>>> apakahTerkandung('pusaka', k)
False
>>>
Ln: 233 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def apakahTerkandung(a,b) :
if a in b :
return True
else :
return False
print("Determinannya nol. Persamaan mempunyai satu akar kembar.")
Ln: 6 Col: 0
Activate Windows
Go to Settings to activate Windows.
Type here to search
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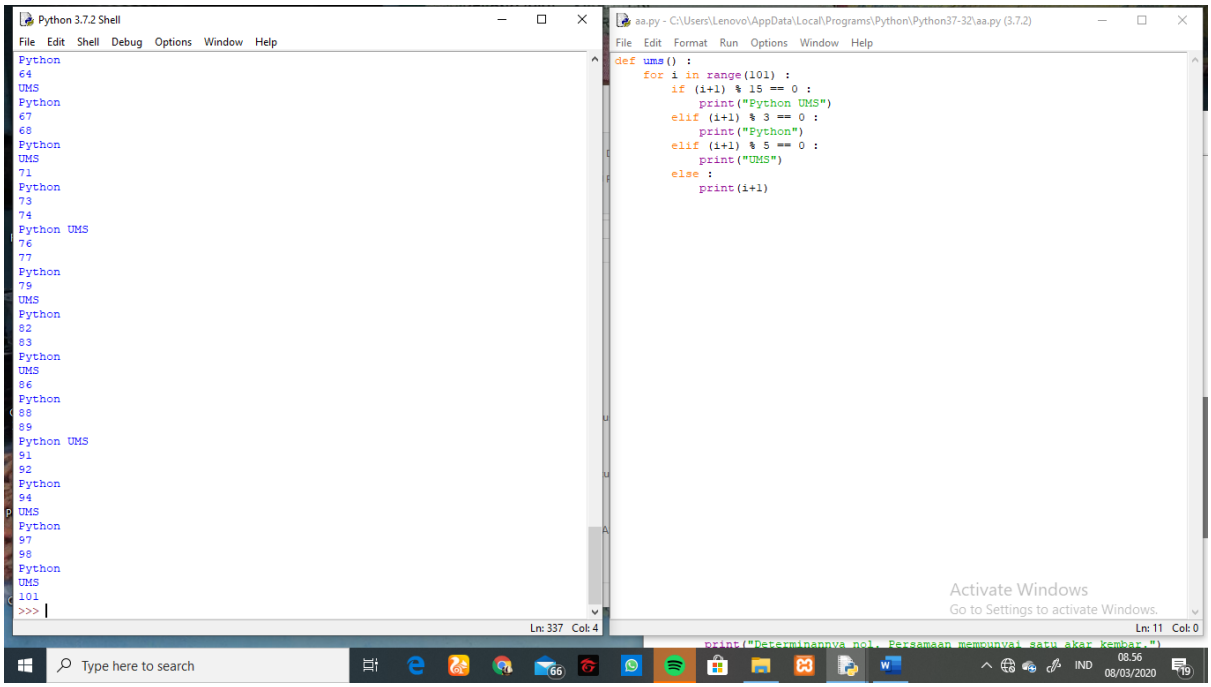
08/03/2020

9.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python
64
UMS
Python
67
68
Python
UMS
71
Python
73
74
Python UMS
76
77
Python
79
UMS
Python
82
83
Python
UMS
86
Python
88
89
Python UMS
91
92
Python
94
UMS
Python
97
98
Python
UMS
101
>>>
Ln: 337 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def ums() :
for i in range(101) :
if (i+1) % 15 == 0 :
print("Python UMS")
elif (i+1) % 3 == 0 :
print("Python")
elif (i+1) % 5 == 0 :
print("UMS")
else :
print(i+1)
Activate Windows
Go to Settings to activate Windows.
Ln: 11 Col: 0
Type here to search
IND
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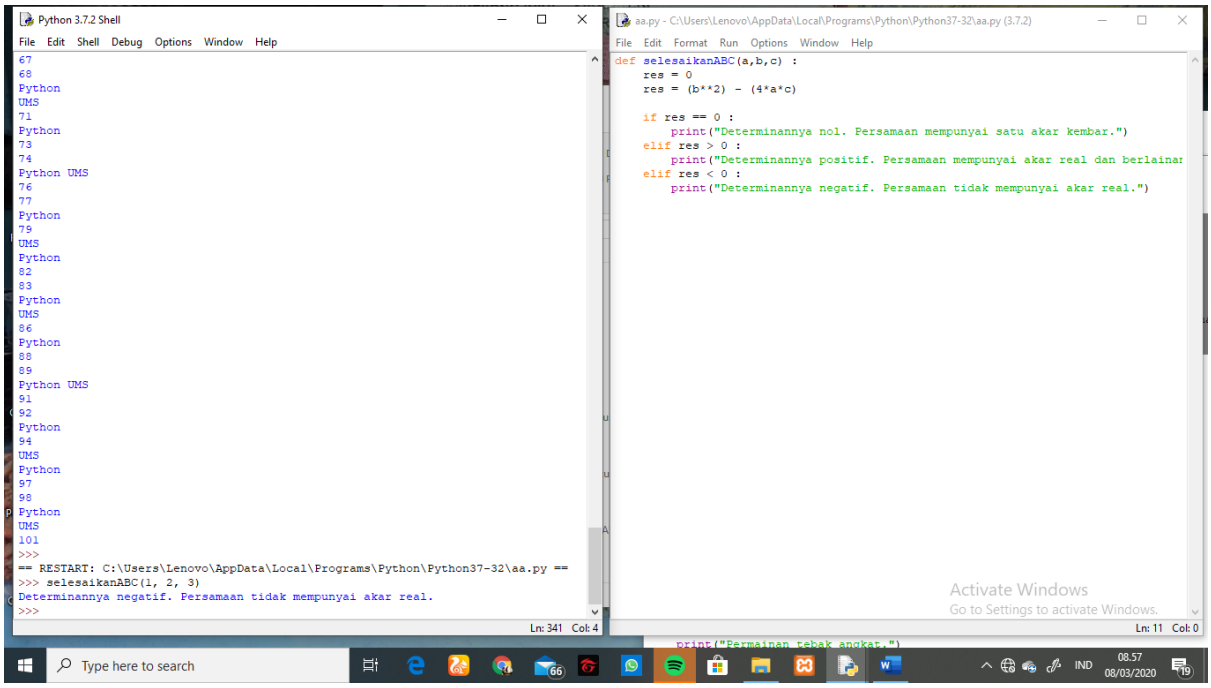
08/03/2020

10.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
67
68
Python
UMS
71
Python
73
74
Python UMS
76
77
Python
79
UMS
Python
82
83
Python
UMS
86
Python
88
89
Python UMS
91
92
Python
94
UMS
Python
97
98
Python
UMS
101
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> selesaikanABC(1, 2, 3)
Determinannya negatif. Persamaan tidak mempunyai akar real.
>>>
Ln: 341 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def selesaikanABC(a,b,c) :
res = 0
res = (b**2) - (4*a*c)
if res == 0 :
print("Determinannya nol. Persamaan mempunyai satu akar kembar.")
elif res > 0 :
print("Determinannya positif. Persamaan mempunyai akar real dan berlainar
elif res < 0 :
print("Determinannya negatif. Persamaan tidak mempunyai akar real.")
Activate Windows
Go to Settings to activate Windows.
Ln: 11 Col: 0
Type here to search
IND
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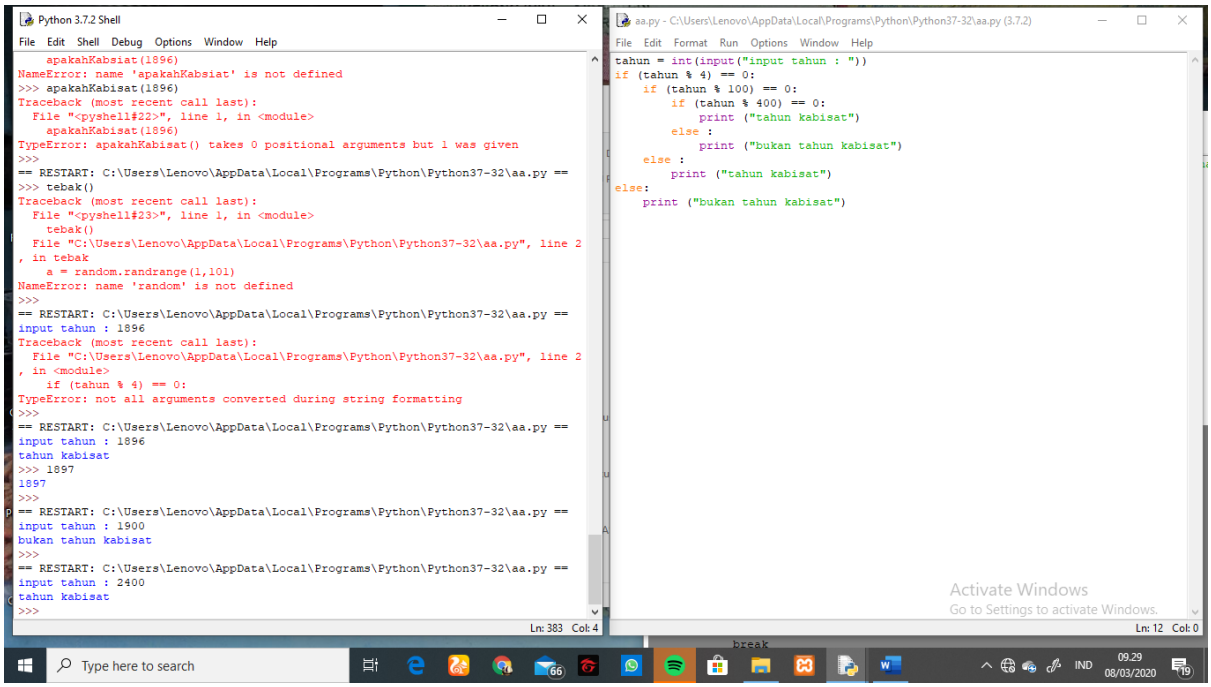
08/03/2020

11.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
apakahKabsiat(1896)
NameError: name 'apakahKabsiat' is not defined
>>> apakahKabisat(1896)
Traceback (most recent call last):
File "<pyshell#22>", line 1, in <module>
apakahKabisat(1896)
TypeError: apakahKabisat() takes 0 positional arguments but 1 was given
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> tebak()
Traceback (most recent call last):
File "<pyshell#23>", line 1, in <module>
tebak()
File "C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py", line 2
, in tebak
a = random.randrange(1,101)
NameError: name 'random' is not defined
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
input tahun : 1896
Traceback (most recent call last):
File "C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py", line 2
, in <module>
if (tahun % 4) == 0:
TypeError: not all arguments converted during string formatting
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
input tahun : 1896
tahun kabisat
>>> 1897
1897
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
input tahun : 1900
bukan tahun kabisat
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
input tahun : 2400
tahun kabisat
>>>
Ln: 383 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
tahun = int(input("input tahun : "))
if (tahun % 4) == 0:
if (tahun % 100) == 0:
if (tahun % 400) == 0:
print ("tahun kabisat")
else :
print ("bukan tahun kabisat")
else :
print ("tahun kabisat")
else:
print ("bukan tahun kabisat")
Activate Windows
Go to Settings to activate Windows.
Ln: 12 Col: 0
break
Type here to search
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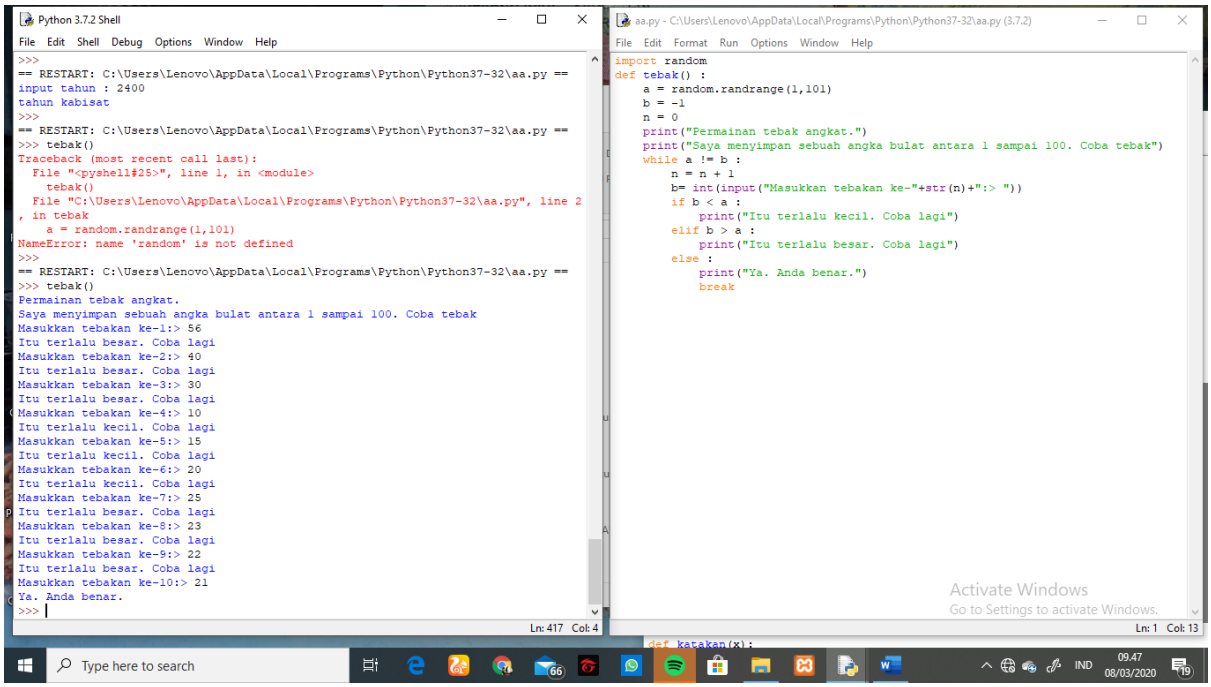
08/03/2020

12.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
input tahun : 2400
tahun kabisat
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> tebak()
Traceback (most recent call last):
File "<pyshell#25>", line 1, in <module>
tebak()
File "C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py", line 2
, in tebak
a = random.randrange(1,101)
NameError: name 'random' is not defined
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> tebak()
Permainan tebak angkat.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba tebak
Masukkan tebakan ke-1:> 56
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-2:> 40
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-3:> 30
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-4:> 10
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-5:> 15
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-6:> 20
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-7:> 25
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-8:> 23
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-9:> 22
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-10:> 21
Ya. Anda benar.
>>>
Ln: 417 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
import random
def tebak() :
a = random.randrange(1,101)
b = -1
n = 0
print("Permainan tebak angkat.")
print("Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba tebak")
while a != b :
n = n + 1
b= int(input("Masukkan tebakan ke-"+str(n)+":> "))
if b < a :
print("Itu terlalu kecil. Coba lagi")
elif b > a :
print("Itu terlalu besar. Coba lagi")
else :
print("Ya. Anda benar.")
break
Activate Windows
Go to Settings to activate Windows.
Ln: 1 Col: 13
def katakan(x):
Type here to search
IND
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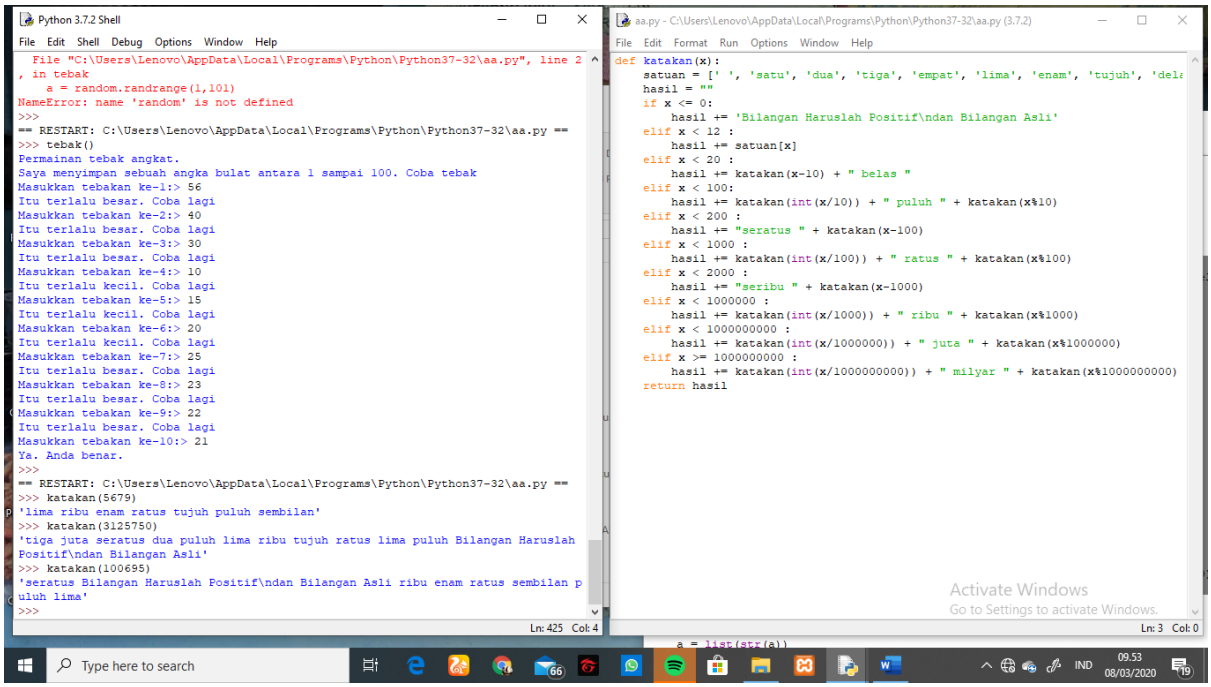
08/03/2020

13.


Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
File "C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py", line 2
, in tebak
a = random.randrange(1,101)
NameError: name 'random' is not defined
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> tebak()
Permainan tebak angkat.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba tebak
Masukkan tebakan ke-1:> 56
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-2:> 40
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-3:> 30
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-4:> 10
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-5:> 15
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-6:> 20
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-7:> 25
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-8:> 23
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-9:> 22
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-10:> 21
Ya. Anda benar.
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> katakan(5679)
'lima ribu enam ratus tujuh puluh sembilan'
>>> katakan(3125750)
'tiga juta seratus dua puluh lima ribu tujuh ratus lima puluh Bilangan Haruslah Positif\ndan Bilangan Asli'
>>> katakan(100695)
'seratus Bilangan Haruslah Positif\ndan Bilangan Asli ribu enam ratus sembilan puluh lima'
>>>
Ln: 425 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
File Edit Format Run Options Window Help
def katakan(x):
satuan = [' ', 'satu', 'dua', 'tiga', 'empat', 'lima', 'enam', 'tujuh', 'dela
hasil = ""
if x <= 0:
hasil += 'Bilangan Haruslah Positif\ndan 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
Activate Windows
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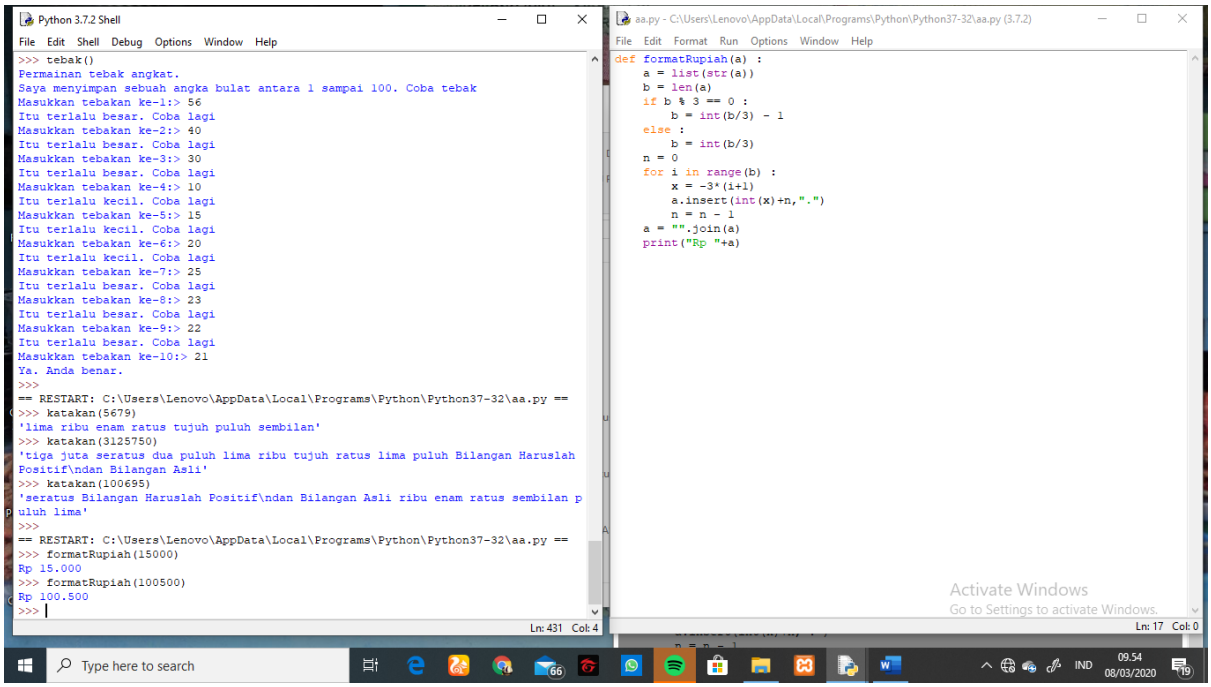
Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
>>> tebak()
Permainan tebak angkat.
Saya menyimpan sebuah angka bulat antara 1 sampai 100. Coba tebak
Masukkan tebakan ke-1:> 56
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-2:> 40
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-3:> 30
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-4:> 10
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-5:> 15
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-6:> 20
Itu terlalu kecil. Coba lagi
Masukkan tebakan ke-7:> 25
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-8:> 23
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-9:> 22
Itu terlalu besar. Coba lagi
Masukkan tebakan ke-10:> 21
Ya. Anda benar.
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> katakan(5679)
'lima ribu enam ratus tujuh puluh sembilan'
>>> katakan(3125750)
'tiga juta seratus dua puluh lima ribu tujuh ratus lima puluh Bilangan Haruslah Positif\ndan Bilangan Asli'
>>> katakan(100695)
'seratus Bilangan Haruslah Positif\ndan Bilangan Asli ribu enam ratus sembilan puluh lima'
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> formatRupiah(15000)
Rp 15.000
>>> formatRupiah(100500)
Rp 100.500
>>>
Ln: 431 Col: 4
aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)
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)
Activate Windows
Go to Settings to activate Windows.
Ln: 17 Col: 0
Type here to search
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