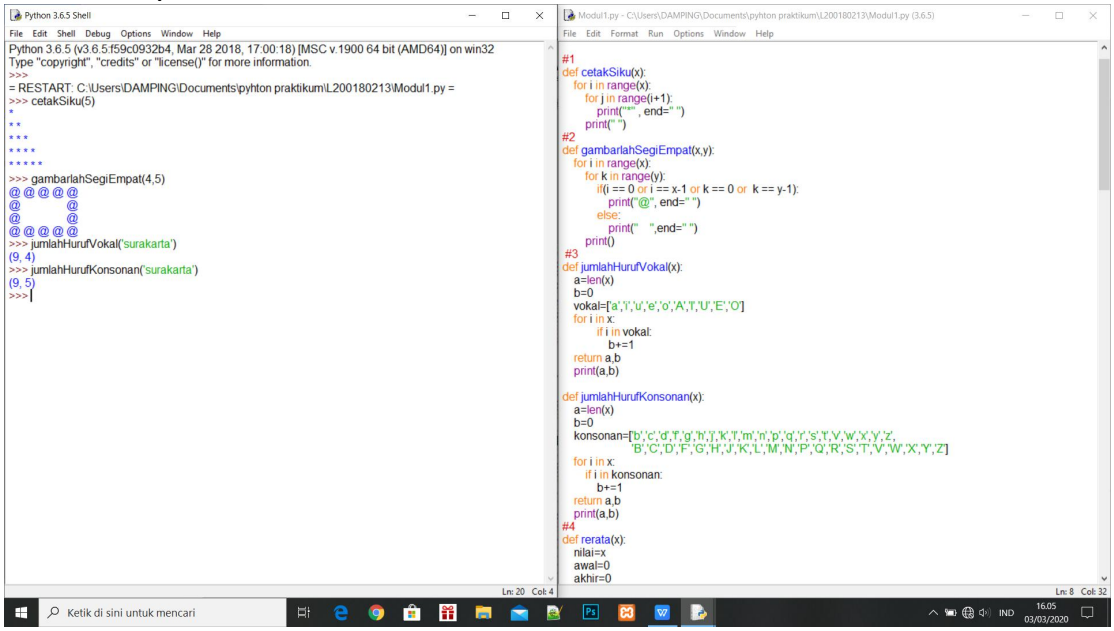
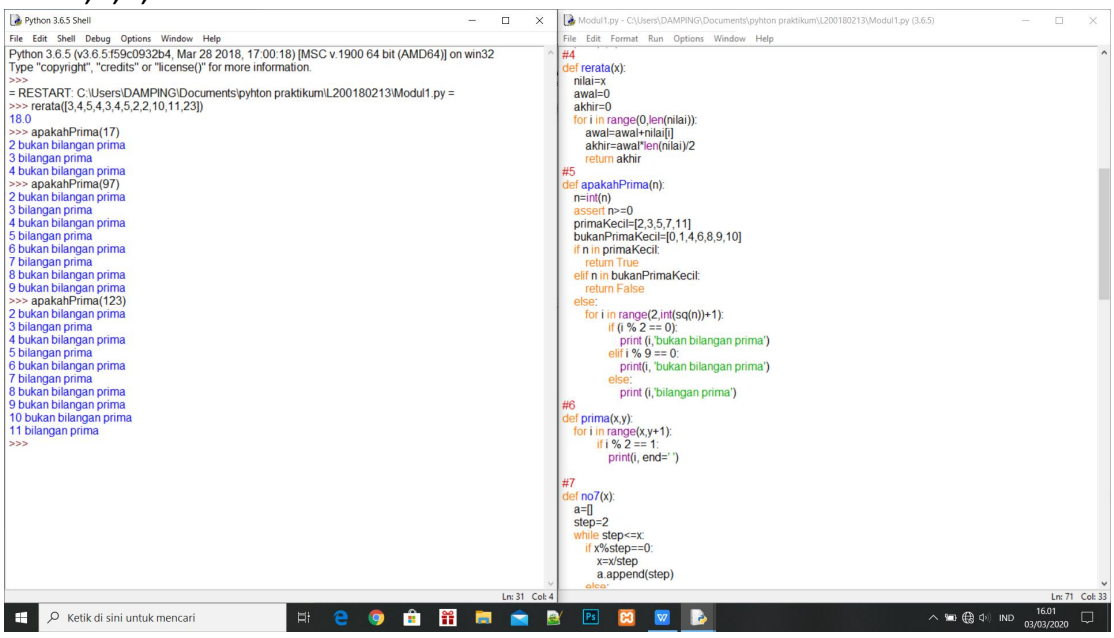
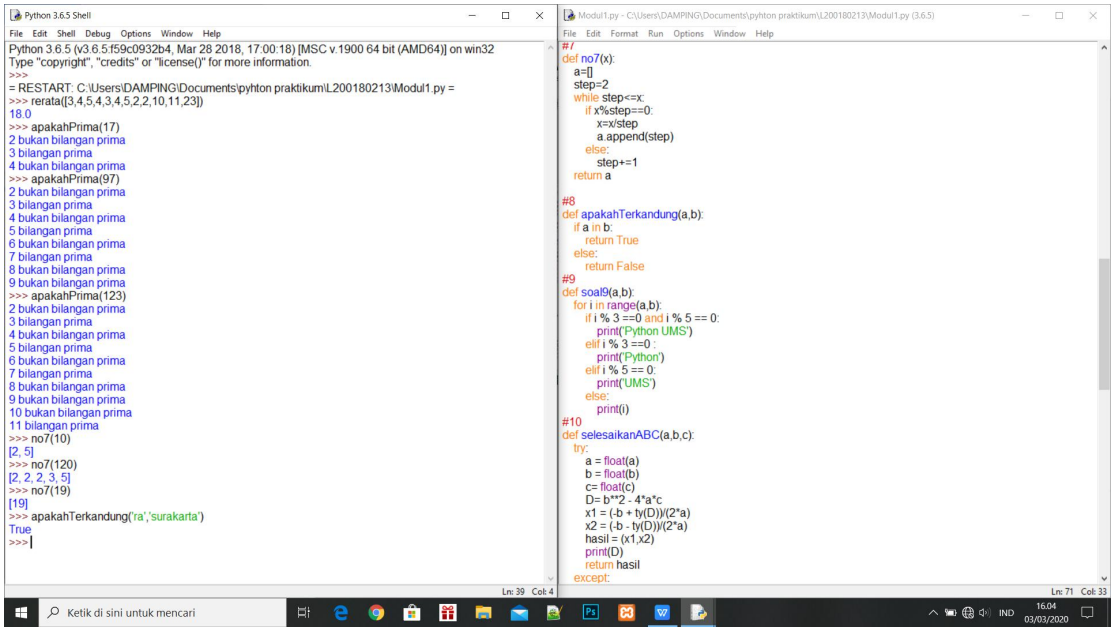
NAMA : DAMPING RIZKI W.A
NIM: L200180213
KELAS H / ALGOSTRUK
TUGAS MODUL 1

No. 1 sampai 3

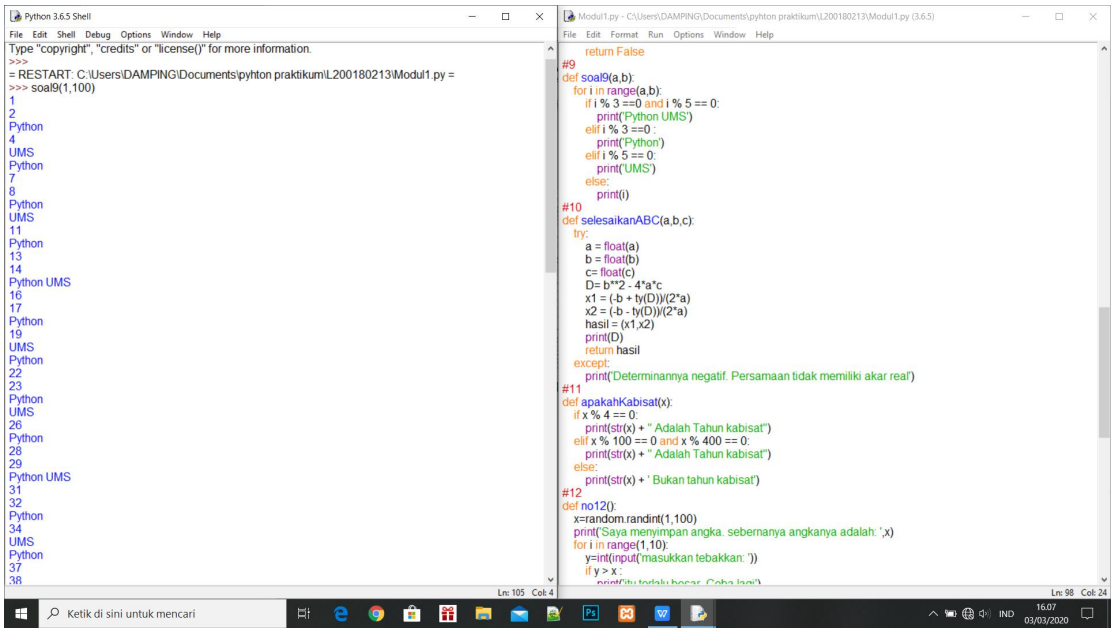


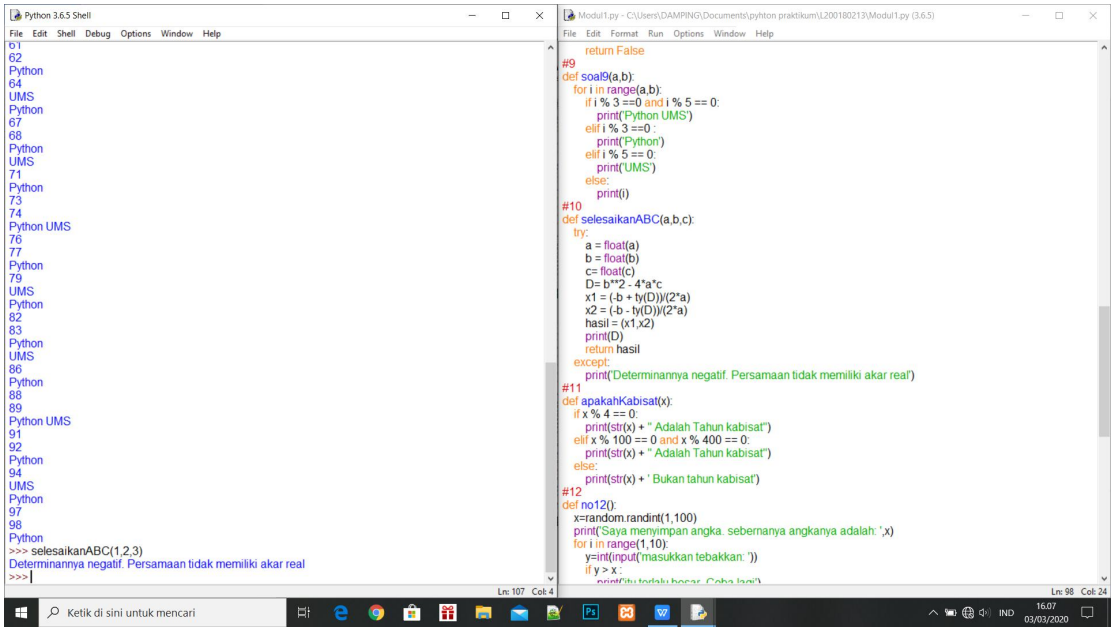
No. 4,5,7,8



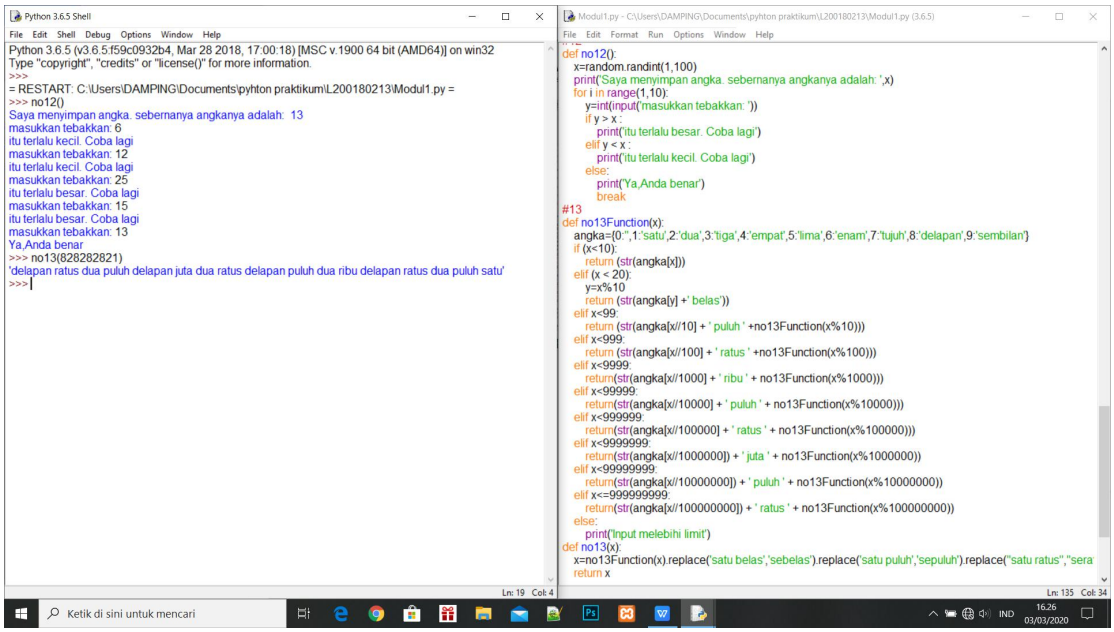

Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 17:00:18) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py =
>>> rerata([3,4,5,4,3,4,5,2,2,10,11,23])
18.0
>>> apakahPrima(17)
2 bukan bilangan prima
3 bilangan prima
4 bukan bilangan prima
>>> apakahPrima(97)
2 bukan bilangan prima
3 bilangan prima
4 bukan bilangan prima
5 bilangan prima
6 bukan bilangan prima
7 bilangan prima
8 bukan bilangan prima
9 bukan bilangan prima
>>> apakahPrima(123)
2 bukan bilangan prima
3 bilangan prima
4 bukan bilangan prima
5 bilangan prima
6 bukan bilangan prima
7 bilangan prima
8 bukan bilangan prima
9 bukan bilangan prima
10 bukan bilangan prima
11 bilangan prima
>>> no7(10)
[2, 5]
>>> no7(120)
[2, 2, 2, 3, 5]
>>> no7(19)
[19]
>>> apakahTerkandung('ra','surakarta')
True
>>>
Ln: 39 Col: 4
Modul1.py - C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py (3.6.5)
File Edit Format Run Options Window Help
#/
def no7(x):
a=[]
step=2
while step<=x:
if x%step==0:
x=x/step
a.append(step)
else:
step+=1
return a
#8
def apakahTerkandung(a,b):
if a in b:
return True
else:
return False
#9
def soal9(a,b):
for i in range(a,b):
if i % 3 ==0 and i % 5 == 0:
print('Python UMS')
elif i % 3 ==0 :
print('Python')
elif i % 5 == 0:
print('UMS')
else:
print(i)
#10
def selesaikanABC(a,b,c):
try:
a = float(a)
b = float(b)
c= float(c)
D= b**2 - 4*a*c
x1 = (-b + ty(D))/(2*a)
x2 = (-b - ty(D))/(2*a)
hasil = (x1,x2)
print(D)
return hasil
except:
Ln: 71 Col: 33
Ketik di sini untuk mencari
IND
16.04
03/03/2020

No. 9 dan 10

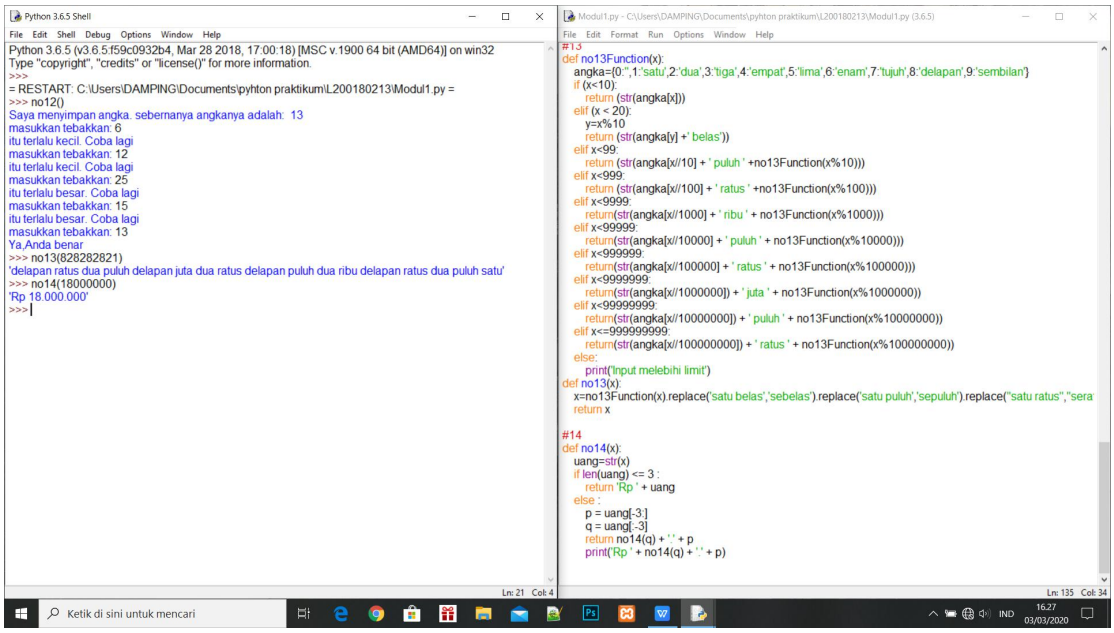

Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py =
>>> soal9(1,100)
1
2
Python
4
UMS
Python
7
8
Python
UMS
11
Python
13
14
Python UMS
16
17
Python
19
UMS
Python
22
23
Python
UMS
26
Python
28
29
Python UMS
31
32
Python
34
UMS
Python
37
38
Ln: 105 Col: 4
Modul1.py - C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py (3.6.5)
File Edit Format Run Options Window Help
return False
#9
def soal9(a,b):
for i in range(a,b):
if i % 3 ==0 and i % 5 == 0:
print('Python UMS')
elif i % 3 ==0 :
print('Python')
elif i % 5 == 0:
print('UMS')
else:
print(i)
#10
def selesaikanABC(a,b,c):
try:
a = float(a)
b = float(b)
c= float(c)
D= b**2 - 4*a*c
x1 = (-b + ty(D))/(2*a)
x2 = (-b - ty(D))/(2*a)
hasil = (x1,x2)
print(D)
return hasil
except:
print('Determinannya negatif. Persamaan tidak memiliki akar real')
#11
def apakahKabisat(x):
if x % 4 == 0:
print(str(x) + " Adalah Tahun kabisat")
elif x % 100 == 0 and x % 400 == 0:
print(str(x) + " Adalah Tahun kabisat")
else:
print(str(x) + ' Bukan tahun kabisat')
#12
def no12():
x=random.randint(1,100)
print('Saya menyimpan angka. sebernanya angkanya adalah: ',x)
for i in range(1,10):
y=int(input('masukkan tebakkan: '))
if y > x :
Ln: 98 Col: 24
Ketik di sini untuk mencari
IND
16.07
03/03/2020


Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
61
62
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
>>> selesaikanABC(1,2,3)
Determinannya negatif. Persamaan tidak memiliki akar real
>>>
Ln: 107 Col: 4
Modul1.py - C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py (3.6.5)
File Edit Format Run Options Window Help
return False
#9
def soal9(a,b):
for i in range(a,b):
if i % 3 ==0 and i % 5 == 0:
print('Python UMS')
elif i % 3 ==0 :
print('Python')
elif i % 5 == 0:
print('UMS')
else:
print(i)
#10
def selesaikanABC(a,b,c):
try:
a = float(a)
b = float(b)
c= float(c)
D= b**2 - 4*a*c
x1 = (-b + ty(D))/(2*a)
x2 = (-b - ty(D))/(2*a)
hasil = (x1,x2)
print(D)
return hasil
except:
print('Determinannya negatif. Persamaan tidak memiliki akar real')
#11
def apakahKabisat(x):
if x % 4 == 0:
print(str(x) + " Adalah Tahun kabisat")
elif x % 100 == 0 and x % 400 == 0:
print(str(x) + " Adalah Tahun kabisat")
else:
print(str(x) + ' Bukan tahun kabisat')
#12
def no12():
x=random.randint(1,100)
print('Saya menyimpan angka. sebernanya angkanya adalah: ',x)
for i in range(1,10):
y=int(input('masukkan tebakkan: '))
if y > x :
Ln: 98 Col: 24
Ketik di sini untuk mencari
IND
16.07
03/03/2020

No 12 dan 13


Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 17:00:18) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py =
>>> no12()
Saya menyimpan angka. sebernanya angkanya adalah: 13
masukkan tebakkan: 6
itu terlalu kecil. Coba lagi
masukkan tebakkan: 12
itu terlalu kecil. Coba lagi
masukkan tebakkan: 25
itu terlalu besar. Coba lagi
masukkan tebakkan: 15
itu terlalu besar. Coba lagi
masukkan tebakkan: 13
Ya,Anda benar
>>> no13(828282821)
'delapan ratus dua puluh delapan juta dua ratus delapan puluh dua ribu delapan ratus dua puluh satu'
>>>
Ln: 19 Col: 4
Modul1.py - C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py (3.6.5)
File Edit Format Run Options Window Help
def no12():
x=random.randint(1,100)
print('Saya menyimpan angka. sebernanya angkanya adalah: ',x)
for i in range(1,10):
y=int(input('masukkan tebakkan: '))
if y > x :
print('itu terlalu besar. Coba lagi')
elif y < x :
print('itu terlalu kecil. Coba lagi')
else:
print('Ya,Anda benar')
break
#13
def no13Function(x):
angka={0:'',1:'satu',2:'dua',3:'tiga',4:'empat',5:'lima',6:'enam',7:'tujuh',8:'delapan',9:'sembilan'}
if (x<10):
return (str(angka[x]))
elif (x < 20):
y=x%10
return (str(angka[y] +' belas'))
elif x<99:
return (str(angka[x//10] + ' puluh ' +no13Function(x%10)))
elif x<999:
return (str(angka[x//100] + ' ratus ' +no13Function(x%100)))
elif x<9999:
return(str(angka[x//1000] + ' ribu ' + no13Function(x%1000)))
elif x<99999:
return(str(angka[x//10000] + ' puluh ' + no13Function(x%10000)))
elif x<999999:
return(str(angka[x//100000] + ' ratus ' + no13Function(x%100000)))
elif x<9999999:
return(str(angka[x//1000000]) + ' juta ' + no13Function(x%1000000))
elif x<99999999:
return(str(angka[x//10000000]) + ' puluh ' + no13Function(x%10000000))
elif x<=999999999:
return(str(angka[x//100000000]) + ' ratus ' + no13Function(x%100000000))
else:
print('Input melebihi limit')
def no13(x):
x=no13Function(x).replace('satu belas','sebelas').replace('satu puluh','sepuluh').replace("satu ratus","sera
return x
Ln: 135 Col: 34
Ketik di sini untuk mencari
IND
16.26
03/03/2020

No 14


Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 17:00:18) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py =
>>> no12()
Saya menyimpan angka. sebernanya angkanya adalah: 13
masukkan tebakkan: 6
itu terlalu kecil. Coba lagi
masukkan tebakkan: 12
itu terlalu kecil. Coba lagi
masukkan tebakkan: 25
itu terlalu besar. Coba lagi
masukkan tebakkan: 15
itu terlalu besar. Coba lagi
masukkan tebakkan: 13
Ya,Anda benar
>>> no13(828282821)
'delapan ratus dua puluh delapan juta dua ratus delapan puluh dua ribu delapan ratus dua puluh satu'
>>> no14(18000000)
'Rp 18.000.000'
>>>
Ln: 21 Col: 4
Modul1.py - C:\Users\DAMPING\Documents\pyhton praktikum\L200180213\Modul1.py (3.6.5)
File Edit Format Run Options Window Help
#13
def no13Function(x):
angka={0:'',1:'satu',2:'dua',3:'tiga',4:'empat',5:'lima',6:'enam',7:'tujuh',8:'delapan',9:'sembilan'}
if (x<10):
return (str(angka[x]))
elif (x < 20):
y=x%10
return (str(angka[y] +' belas'))
elif x<99:
return (str(angka[x//10] + ' puluh ' +no13Function(x%10)))
elif x<999:
return (str(angka[x//100] + ' ratus ' +no13Function(x%100)))
elif x<9999:
return(str(angka[x//1000] + ' ribu ' + no13Function(x%1000)))
elif x<99999:
return(str(angka[x//10000] + ' puluh ' + no13Function(x%10000)))
elif x<999999:
return(str(angka[x//100000] + ' ratus ' + no13Function(x%100000)))
elif x<9999999:
return(str(angka[x//1000000]) + ' juta ' + no13Function(x%1000000))
elif x<99999999:
return(str(angka[x//10000000]) + ' puluh ' + no13Function(x%10000000))
elif x<=999999999:
return(str(angka[x//100000000]) + ' ratus ' + no13Function(x%100000000))
else:
print('Input melebihi limit')
def no13(x):
x=no13Function(x).replace('satu belas','sebelas').replace('satu puluh','sepuluh').replace("satu ratus","sera
return x
#14
def no14(x):
uang=str(x)
if len(uang) <= 3 :
return 'Rp ' + uang
else :
p = uang[-3:]
q = uang[:-3]
return no14(q) + '.' + p
print('Rp ' + no14(q) + '.' + p)
Ln: 135 Col: 34
Ketik di sini untuk mencari
IND
16.27
03/03/2020