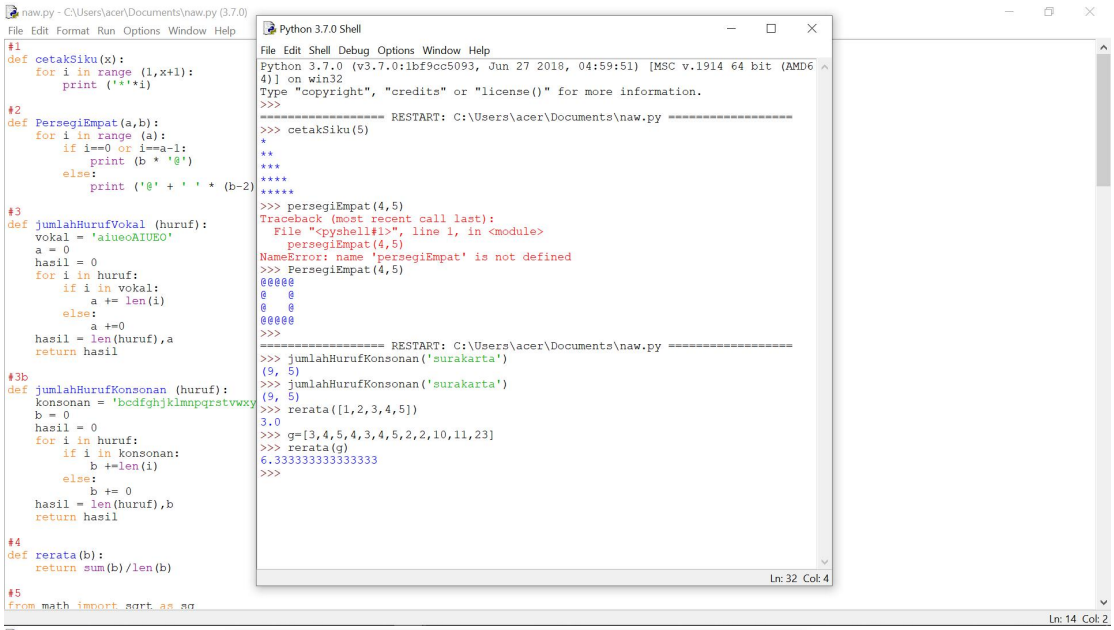
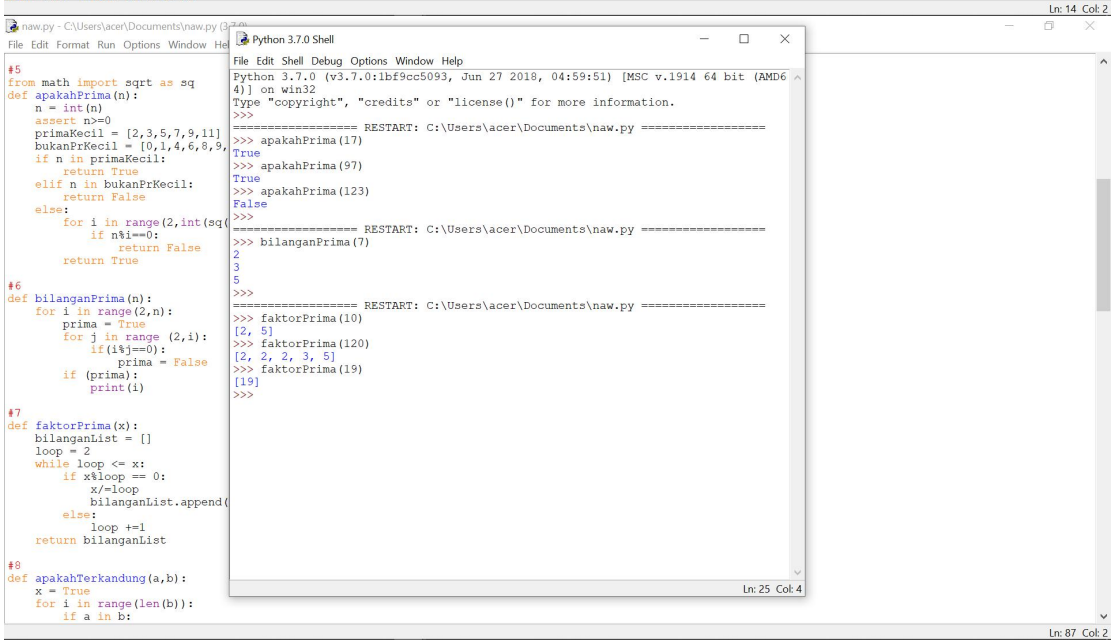
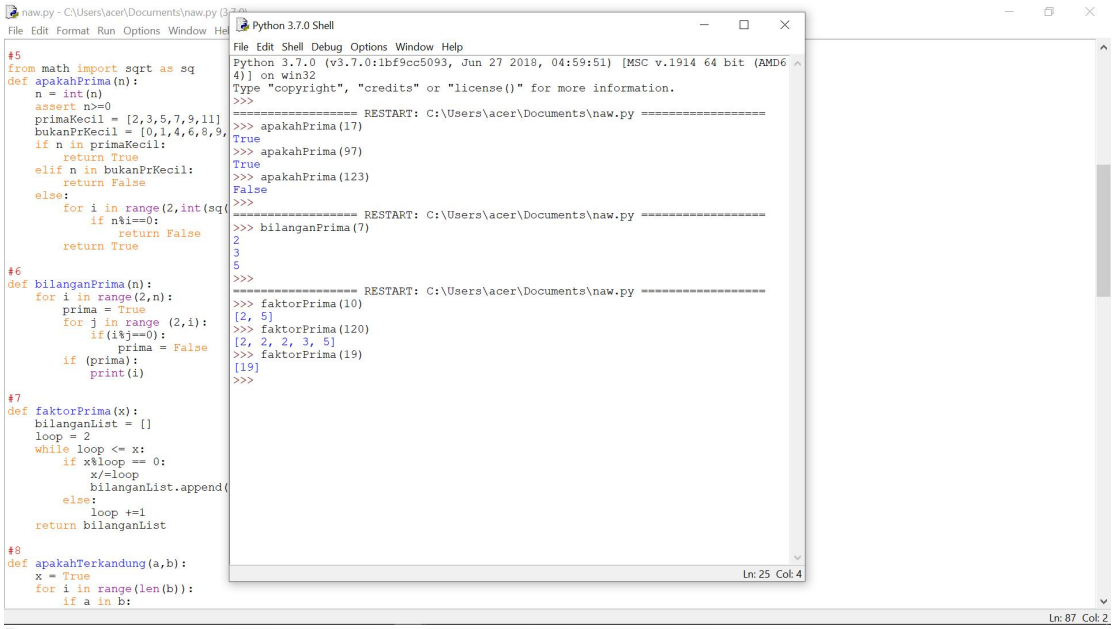
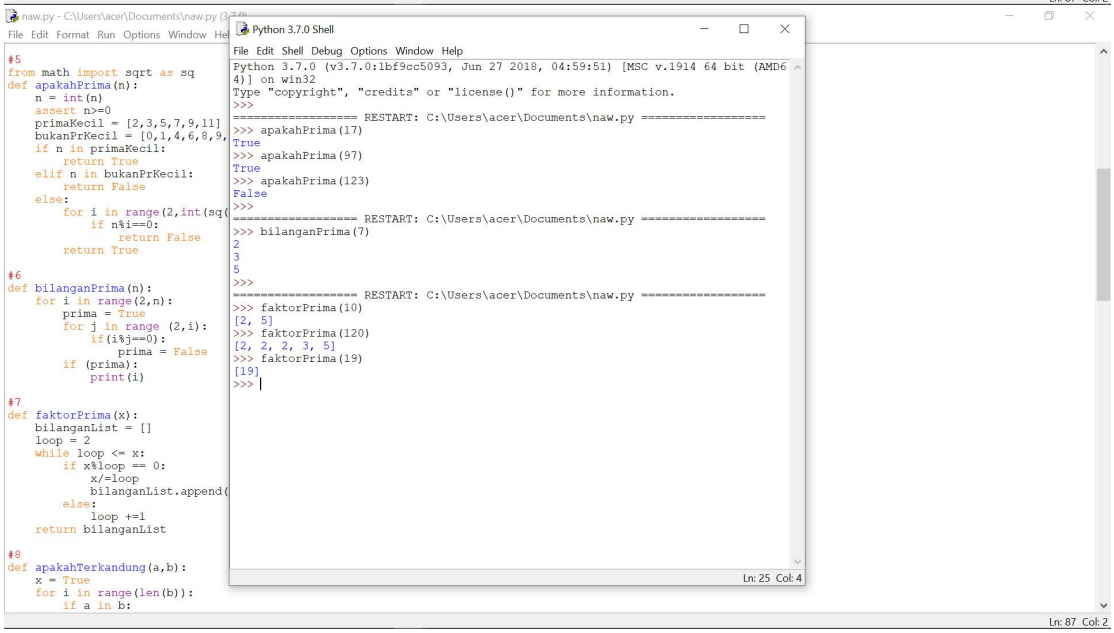
NAURA FIKAMELYALLA
L200180207/H






naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#5
from math import sqrt as sq
def apakahPrima(n):
n = int(n)
assert n>=0
primaKecil = [2,3,5,7,9,11]
bukanPrKecil = [0,1,4,6,8,9,
if n in primaKecil:
return True
elif n in bukanPrKecil:
return False
else:
for i in range(2,int(sq(
if n%i==0:
return False
return True
#6
def bilanganPrima(n):
for i in range(2,n):
prima = True
for j in range (2,i):
if(i%j==0):
prima = False
if (prima):
print(i)
#7
def faktorPrima(x):
bilanganList = []
loop = 2
while loop <= x:
if x%loop == 0:
x/=loop
bilanganList.append(
else:
loop +=1
return bilanganList
#8
def apakahTerkandung(a,b):
x = True
for i in range(len(b)):
if a in b:
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> apakahPrima(17)
True
>>> apakahPrima(97)
True
>>> apakahPrima(123)
False
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> bilanganPrima(7)
2
3
5
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> faktorPrima(10)
[2, 5]
>>> faktorPrima(120)
[2, 2, 2, 3, 5]
>>> faktorPrima(19)
[19]
>>>
Ln: 25 Col: 4


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#5
from math import sqrt as sq
def apakahPrima(n):
n = int(n)
assert n>=0
primaKecil = [2,3,5,7,9,11]
bukanPrKecil = [0,1,4,6,8,9,
if n in primaKecil:
return True
elif n in bukanPrKecil:
return False
else:
for i in range(2,int(sq(
if n%i==0:
return False
return True
#6
def bilanganPrima(n):
for i in range(2,n):
prima = True
for j in range (2,i):
if(i%j==0):
prima = False
if (prima):
print(i)
#7
def faktorPrima(x):
bilanganList = []
loop = 2
while loop <= x:
if x%loop == 0:
x/=loop
bilanganList.append(
else:
loop +=1
return bilanganList
#8
def apakahTerkandung(a,b):
x = True
for i in range(len(b)):
if a in b:
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
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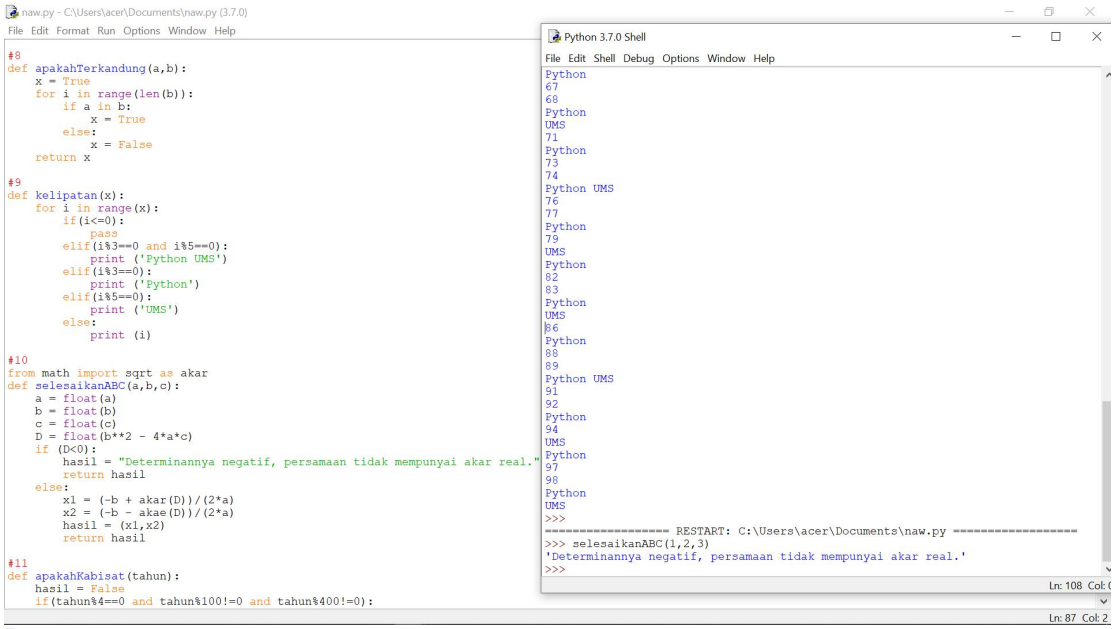
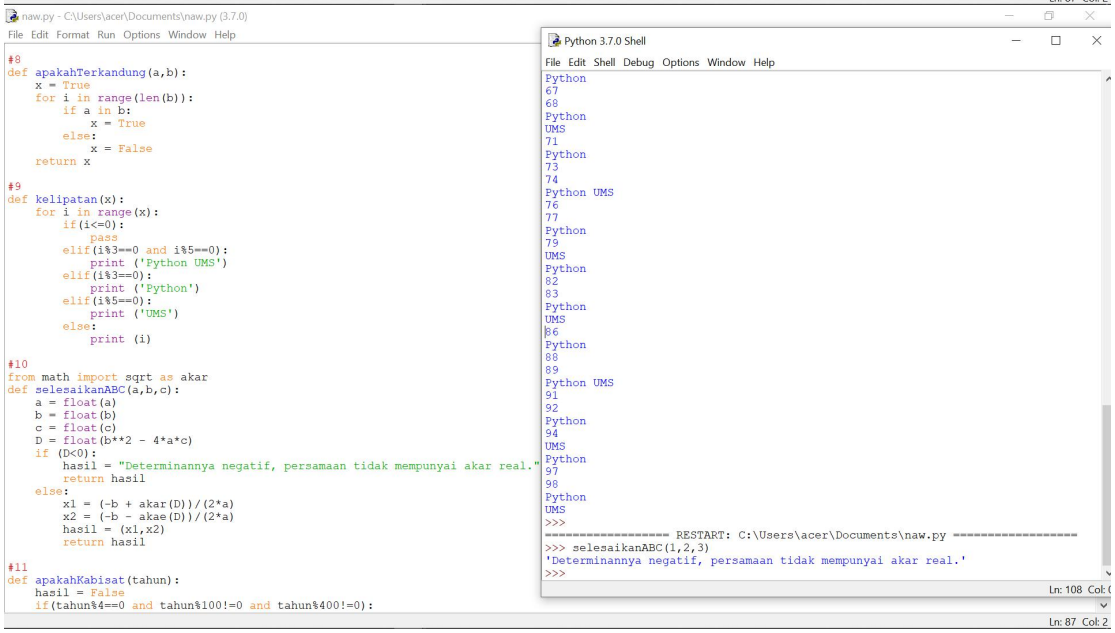
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> apakahPrima(17)
True
>>> apakahPrima(97)
True
>>> apakahPrima(123)
False
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> bilanganPrima(7)
2
3
5
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> faktorPrima(10)
[2, 5]
>>> faktorPrima(120)
[2, 2, 2, 3, 5]
>>> faktorPrima(19)
[19]
>>>
Ln: 25 Col: 4


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#8
def apakahTerkandung(a,b):
x = True
for i in range(len(b)):
if a in b:
x = True
else:
x = False
return x
#9
def kelipatan(x):
for i in range(x):
if(i<=0):
pass
elif(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
from math import sqrt as akar
def selesaikanABC(a,b,c):
a = float(a)
b = float(b)
c = float(c)
D = float(b**2 - 4*a*c)
if (D<0):
hasil = "Determinannya negatif, persamaan tidak mempunyai akar real."
return hasil
else:
x1 = (-b + akar(D))/(2*a)
x2 = (-b - akae(D))/(2*a)
hasil = (x1,x2)
return hasil
#11
def apakahKabisat(tahun):
hasil = False
if(tahun%4==0 and tahun%100!=0 and tahun%400!=0):
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
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
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> selesaikanABC(1,2,3)
'Determinannya negatif, persamaan tidak mempunyai akar real.'
>>>
Ln: 108 Col:


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#8
def apakahTerkandung(a,b):
x = True
for i in range(len(b)):
if a in b:
x = True
else:
x = False
return x
#9
def kelipatan(x):
for i in range(x):
if(i<=0):
pass
elif(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
from math import sqrt as akar
def selesaikanABC(a,b,c):
a = float(a)
b = float(b)
c = float(c)
D = float(b**2 - 4*a*c)
if (D<0):
hasil = "Determinannya negatif, persamaan tidak mempunyai akar real."
return hasil
else:
x1 = (-b + akar(D))/(2*a)
x2 = (-b - akae(D))/(2*a)
hasil = (x1,x2)
return hasil
#11
def apakahKabisat(tahun):
hasil = False
if(tahun%4==0 and tahun%100!=0 and tahun%400!=0):
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python
67
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Python
UMS
71
Python
73
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Python UMS
76
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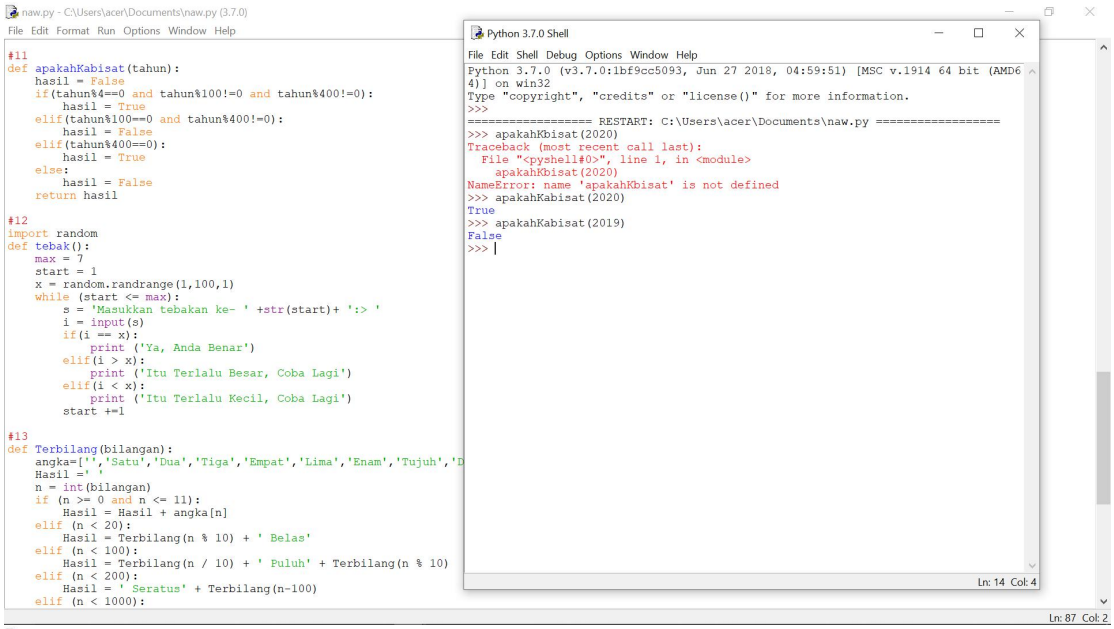
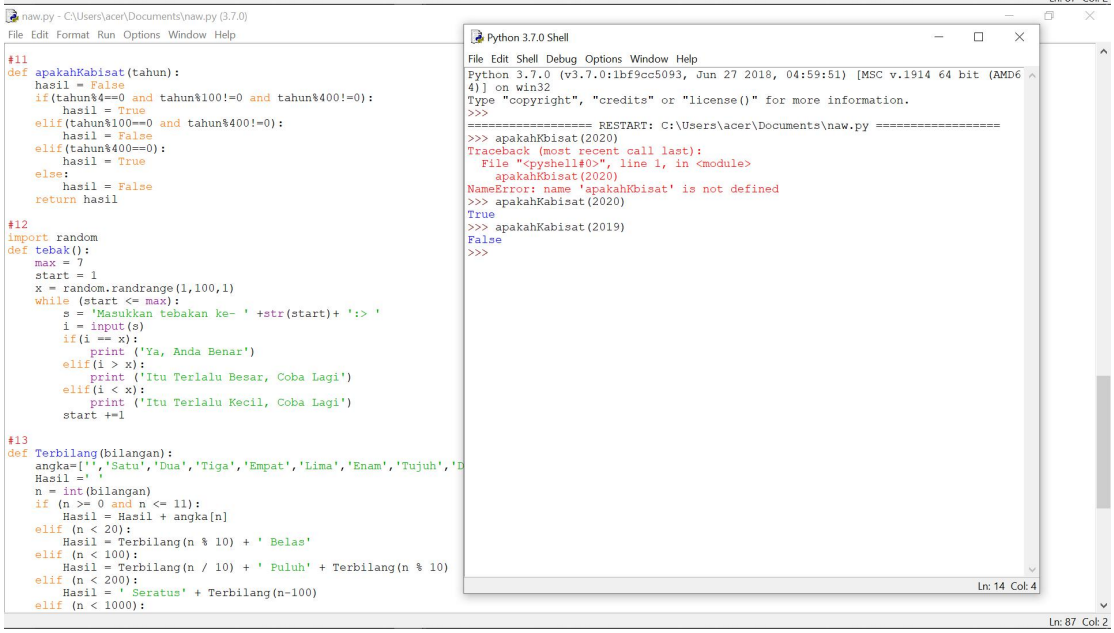
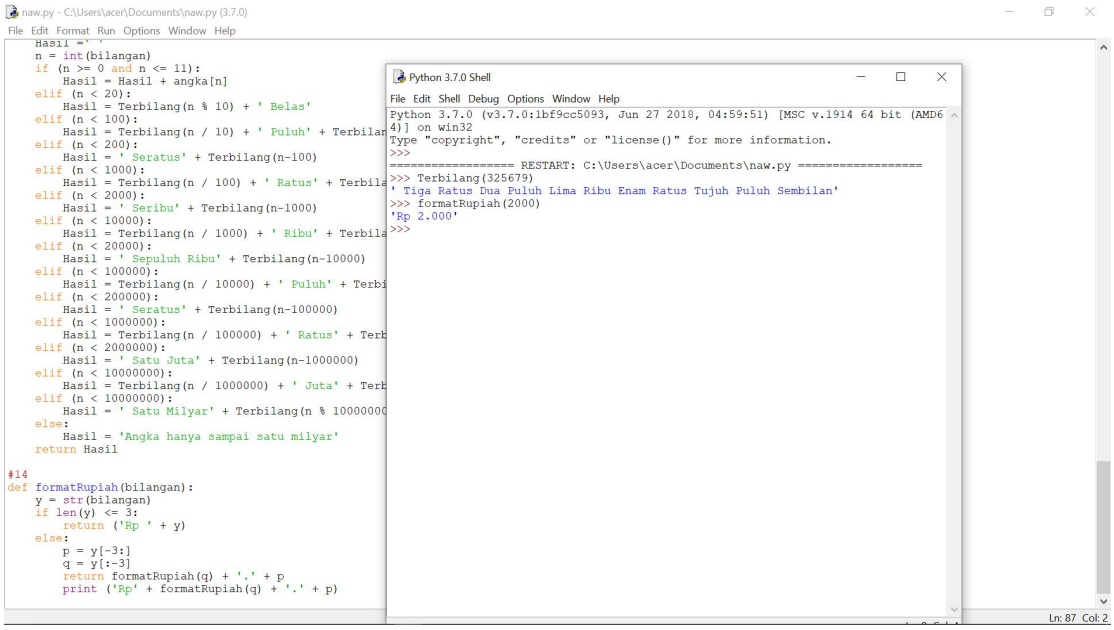
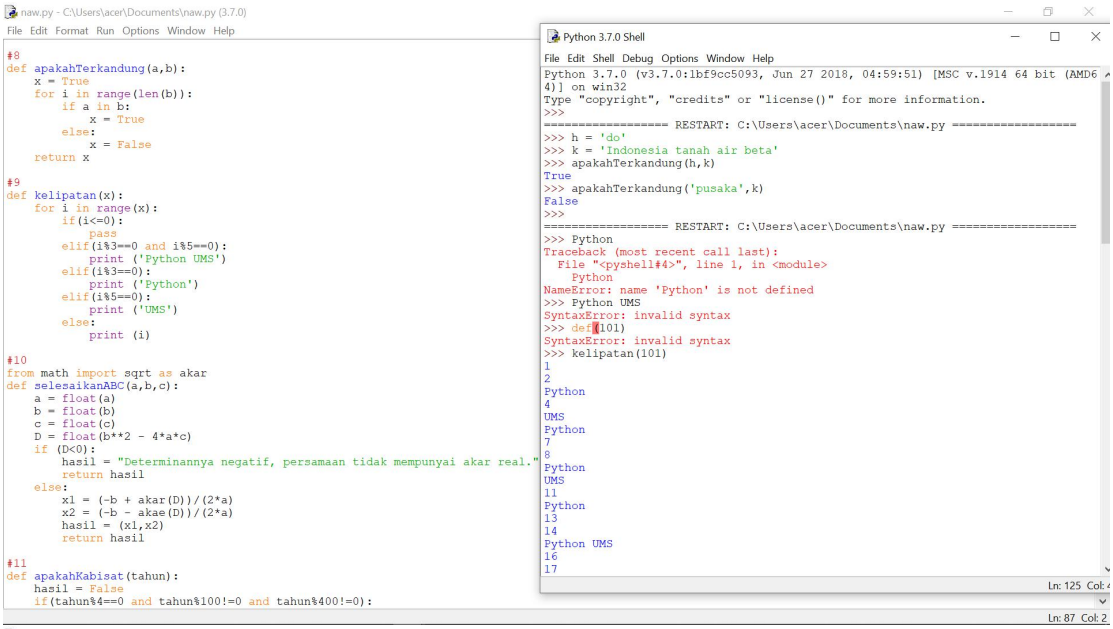
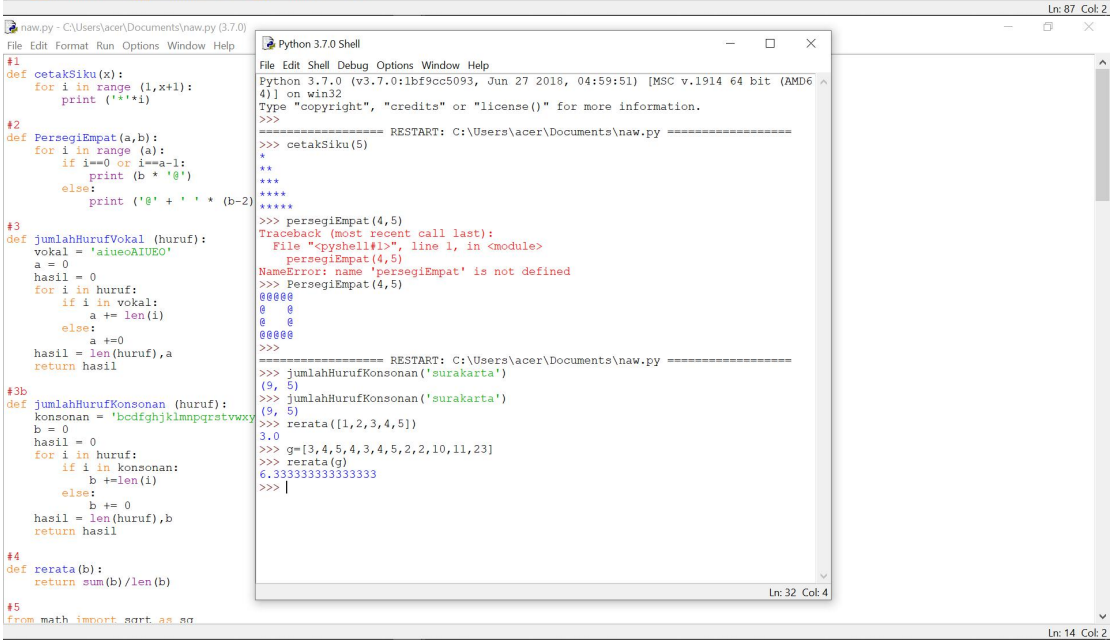
Python
79
UMS
Python
82
83
Python
UMS
86
Python
88
89
Python UMS
91
92
Python
94
UMS
Python
97
98
Python
UMS
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> selesaikanABC(1,2,3)
'Determinannya negatif, persamaan tidak mempunyai akar real.'
>>>
Ln: 108 Col:


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#11
def apakahKabisat(tahun):
hasil = False
if(tahun%4==0 and tahun%100!=0 and tahun%400!=0):
hasil = True
elif(tahun%100==0 and tahun%400!=0):
hasil = False
elif(tahun%400==0):
hasil = True
else:
hasil = False
return hasil
#12
import random
def tebak():
max = 7
start = 1
x = random.randrange(1,100,1)
while (start <= max):
s = 'Masukkan tebakan ke- ' +str(start)+ ':> '
i = input(s)
if(i == x):
print ('Ya, Anda Benar')
elif(i > x):
print ('Itu Terlalu Besar, Coba Lagi')
elif(i < x):
print ('Itu Terlalu Kecil, Coba Lagi')
start +=1
#13
def Terbilang(bilangan):
angka=['','Satu','Dua','Tiga','Empat','Lima','Enam','Tujuh','D
Hasil =' '
n = int(bilangan)
if (n >= 0 and n <= 11):
Hasil = Hasil + angka[n]
elif (n < 20):
Hasil = Terbilang(n % 10) + ' Belas'
elif (n < 100):
Hasil = Terbilang(n / 10) + ' Puluh' + Terbilang(n % 10)
elif (n < 200):
Hasil = ' Seratus' + Terbilang(n-100)
elif (n < 1000):
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> apakahKbisat(2020)
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
apakahKbisat(2020)
NameError: name 'apakahKbisat' is not defined
>>> apakahKabisat(2020)
True
>>> apakahKabisat(2019)
False
>>>
Ln: 14 Col: 4


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#11
def apakahKabisat(tahun):
hasil = False
if(tahun%4==0 and tahun%100!=0 and tahun%400!=0):
hasil = True
elif(tahun%100==0 and tahun%400!=0):
hasil = False
elif(tahun%400==0):
hasil = True
else:
hasil = False
return hasil
#12
import random
def tebak():
max = 7
start = 1
x = random.randrange(1,100,1)
while (start <= max):
s = 'Masukkan tebakan ke- ' +str(start)+ ':> '
i = input(s)
if(i == x):
print ('Ya, Anda Benar')
elif(i > x):
print ('Itu Terlalu Besar, Coba Lagi')
elif(i < x):
print ('Itu Terlalu Kecil, Coba Lagi')
start +=1
#13
def Terbilang(bilangan):
angka=['','Satu','Dua','Tiga','Empat','Lima','Enam','Tujuh','D
Hasil =' '
n = int(bilangan)
if (n >= 0 and n <= 11):
Hasil = Hasil + angka[n]
elif (n < 20):
Hasil = Terbilang(n % 10) + ' Belas'
elif (n < 100):
Hasil = Terbilang(n / 10) + ' Puluh' + Terbilang(n % 10)
elif (n < 200):
Hasil = ' Seratus' + Terbilang(n-100)
elif (n < 1000):
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> apakahKbisat(2020)
Traceback (most recent call last):
File "<pyshell#0>", line 1, in <module>
apakahKbisat(2020)
NameError: name 'apakahKbisat' is not defined
>>> apakahKabisat(2020)
True
>>> apakahKabisat(2019)
False
>>>
Ln: 14 Col: 4


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
Hasil = ' '
n = int(bilangan)
if (n >= 0 and n <= 11):
Hasil = Hasil + angka[n]
elif (n < 20):
Hasil = Terbilang(n % 10) + ' Belas'
elif (n < 100):
Hasil = Terbilang(n / 10) + ' Puluh' + Terbilan
elif (n < 200):
Hasil = ' Seratus' + Terbilang(n-100)
elif (n < 1000):
Hasil = Terbilang(n / 100) + ' Ratus' + Terbila
elif (n < 2000):
Hasil = ' Seribu' + Terbilang(n-1000)
elif (n < 10000):
Hasil = Terbilang(n / 1000) + ' Ribu' + Terbila
elif (n < 20000):
Hasil = ' Sepuluh Ribu' + Terbilang(n-10000)
elif (n < 100000):
Hasil = Terbilang(n / 10000) + ' Puluh' + Terbi
elif (n < 200000):
Hasil = ' Seratus' + Terbilang(n-100000)
elif (n < 1000000):
Hasil = Terbilang(n / 100000) + ' Ratus' + Terb
elif (n < 2000000):
Hasil = ' Satu Juta' + Terbilang(n-1000000)
elif (n < 10000000):
Hasil = Terbilang(n / 1000000) + ' Juta' + Terb
elif (n < 10000000):
Hasil = ' Satu Milyar' + Terbilang(n % 10000000
else:
Hasil = 'Angka hanya sampai satu milyar'
return Hasil
#14
def formatRupiah(bilangan):
y = str(bilangan)
if len(y) <= 3:
return ('Rp ' + y)
else:
p = y[-3:]
q = y[:-3]
return formatRupiah(q) + '.' + p
print ('Rp' + formatRupiah(q) + '.' + p)
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> Terbilang(325679)
' Tiga Ratus Dua Puluh Lima Ribu Enam Ratus Tujuh Puluh Sembilan'
>>> formatRupiah(2000)
'Rp 2.000'
>>>
Ln: 87 Col: 2


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#8
def apakahTerkandung(a,b):
x = True
for i in range(len(b)):
if a in b:
x = True
else:
x = False
return x
#9
def kelipatan(x):
for i in range(x):
if(i<=0):
pass
elif(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
from math import sqrt as akar
def selesaikanABC(a,b,c):
a = float(a)
b = float(b)
c = float(c)
D = float(b**2 - 4*a*c)
if (D<0):
hasil = "Determinannya negatif, persamaan tidak mempunyai akar real."
return hasil
else:
x1 = (-b + akar(D))/(2*a)
x2 = (-b - akae(D))/(2*a)
hasil = (x1,x2)
return hasil
#11
def apakahKabisat(tahun):
hasil = False
if(tahun%4==0 and tahun%100!=0 and tahun%400!=0):
Ln: 87 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> h = 'do'
>>> k = 'Indonesia tanah air beta'
>>> apakahTerkandung(h,k)
True
>>> apakahTerkandung('pusaka',k)
False
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> Python
Traceback (most recent call last):
File "<pyshell#4>", line 1, in <module>
Python
NameError: name 'Python' is not defined
>>> Python UMS
SyntaxError: invalid syntax
>>> def(101)
SyntaxError: invalid syntax
>>> kelipatan(101)
1
2
Python
4
UMS
Python
7
8
Python
UMS
11
Python
13
14
Python UMS
16
17
Ln: 125 Col:


naw.py - C:\Users\acer\Documents\naw.py (3.7.0)
File Edit Format Run Options Window Help
#1
def cetakSiku(x):
for i in range (1,x+1):
print ('*'*i)
#2
def PersegiEmpat(a,b):
for i in range (a):
if i==0 or i==a-1:
print (b * '@')
else:
print ('@' + ' ' * (b-2)
#3
def jumlahHurufVokal (huruf):
vokal = 'aiueoAIUEO'
a = 0
hasil = 0
for i in huruf:
if i in vokal:
a += len(i)
else:
a +=0
hasil = len(huruf),a
return hasil
#3b
def jumlahHurufKonsonan (huruf):
konsonan = 'bcdfghjklmnpqrstvwxy
b = 0
hasil = 0
for i in huruf:
if i in konsonan:
b +=len(i)
else:
b += 0
hasil = len(huruf),b
return hasil
#4
def rerata(b):
return sum(b)/len(b)
#5
from math import sqrt as sq
Ln: 14 Col: 2
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> cetakSiku(5)
*
**
***
****
*****
>>> persegiEmpat(4,5)
Traceback (most recent call last):
File "<pyshell#1>", line 1, in <module>
persegiEmpat(4,5)
NameError: name 'persegiEmpat' is not defined
>>> PersegiEmpat(4,5)
@@@@@
@ @
@ @
@@@@@
>>>
========== RESTART: C:\Users\acer\Documents\naw.py ==========
>>> jumlahHurufKonsonan('surakarta')
(9, 5)
>>> jumlahHurufKonsonan('surakarta')
(9, 5)
>>> 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: 32 Col: 4