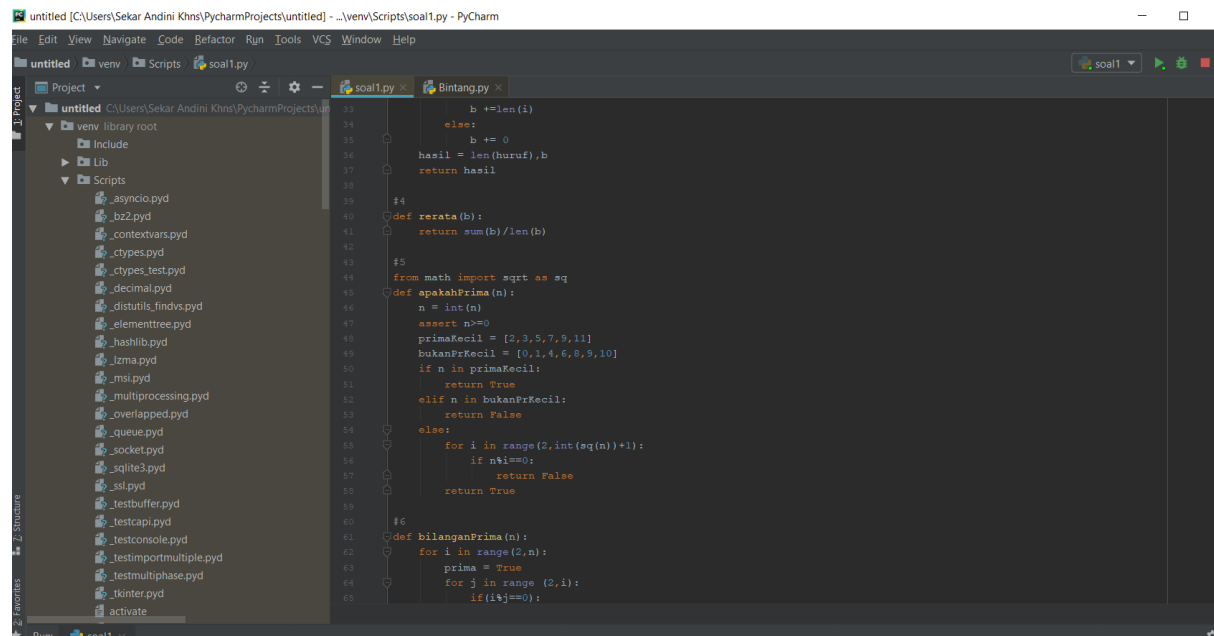


Sekar Andini khairunnisa

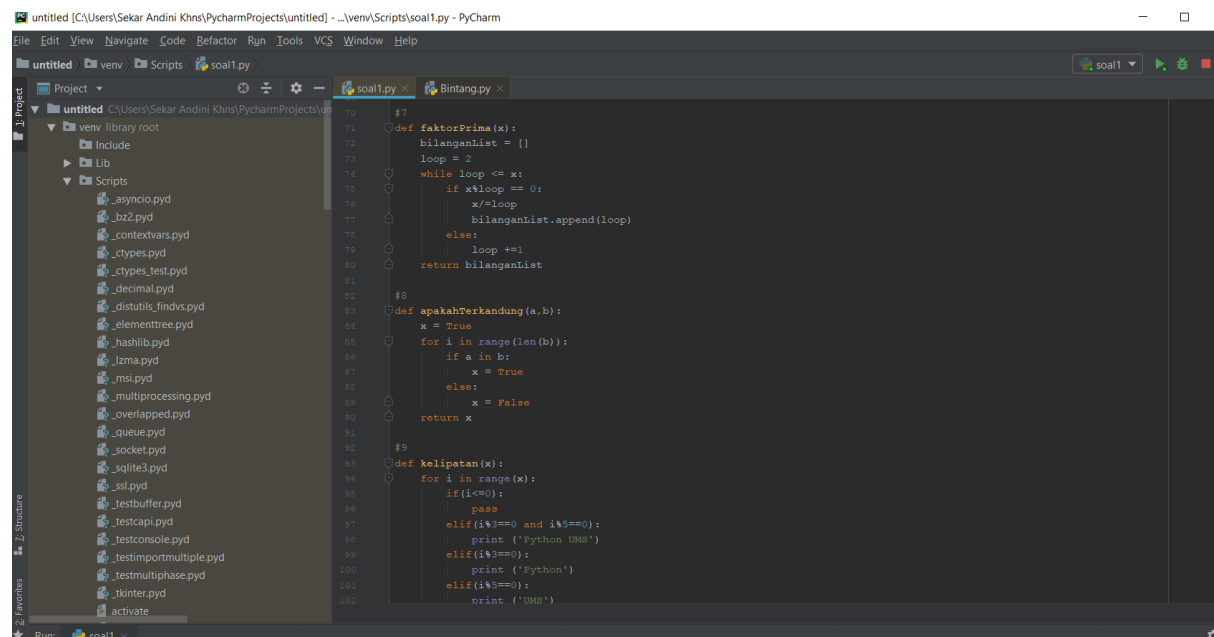
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D



```
untitled [C:\Users\Sekar Andini Khns\PycharmProjects\untitled] - ...venv\Scripts\soal1.py - PyCharm
File Edit View Navigate Code Refactor Run Tools VCS Window Help
untitled venv Scripts soal1.py
Project venv library root Include Lib Scripts
Scripts
_asyncio.pyd
_bz2.pyd
_contextvars.pyd
_ctypes.pyd
_ctypes_test.pyd
_decimal.pyd
_distutils_findvs.pyd
_elementtree.pyd
_hashlib.pyd
_lzma.pyd
_msi.pyd
_multiprocessing.pyd
_overlapped.pyd
_queue.pyd
_socket.pyd
_sqlite3.pyd
_ssl.pyd
_testbuffer.pyd
_testcapi.pyd
_testconsole.pyd
_testimportmultiple.pyd
_testmultiphase.pyd
_tkinter.pyd
_activate
Run: soal1
```

```
33     b += len(i)
34     else:
35         b += 0
36     hasil = len(huruf), b
37     return hasil
38
39 #4
40 def rerata(b):
41     return sum(b)/len(b)
42
43 #5
44 from math import sqrt as sq
45 def apakahPrima(n):
46     n = int(n)
47     assert n>0
48     primaKecil = [2,3,5,7,9,11]
49     bukanPrKecil = [0,1,4,6,8,9,10]
50     if n in primaKecil:
51         return True
52     elif n in bukanPrKecil:
53         return False
54     else:
55         for i in range(2,int(sq(n))+1):
56             if n%i==0:
57                 return False
58         return True
59
60 #6
61 def bilanganPrima(n):
62     for i in range(2,n):
63         prima = True
64         for j in range(2,i):
65             if (i%j==0):
```



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Run: soal1
```

```
70 #7
71 def faktorPrima(x):
72     bilanganList = []
73     loop = 2
74     while loop <= x:
75         if x%loop == 0:
76             x/=loop
77             bilanganList.append(loop)
78         else:
79             loop +=1
80     return bilanganList
81
82 #8
83 def apakahTerKandung(a,b):
84     x = True
85     for i in range(len(b)):
86         if a in b:
87             x = True
88         else:
89             x = False
90     return x
91
92 #9
93 def kelipatan(x):
94     for i in range(x):
95         if (i%3==0):
96             pass
97         elif (i%3==0 and i%5==0):
98             print ('Python UMS')
99         elif (i%3==0):
100             print ('Python')
101         elif (i%5==0):
102             print ('UMS')
```

```
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    _tkinter.pyd
    activate
Run: soal1.py

soal1.py x Bintang.py x
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 - akar(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):
        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
```

```
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    _tkinter.pyd
    activate
Run: soal1.py

soal1.py x Bintang.py x
#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','Delapan','Sembilan','Sepuluh','Sebelas']
    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):
        Hasil = Terbilang(n / 100) + ' Ratus' + Terbilang(n % 100)
```

