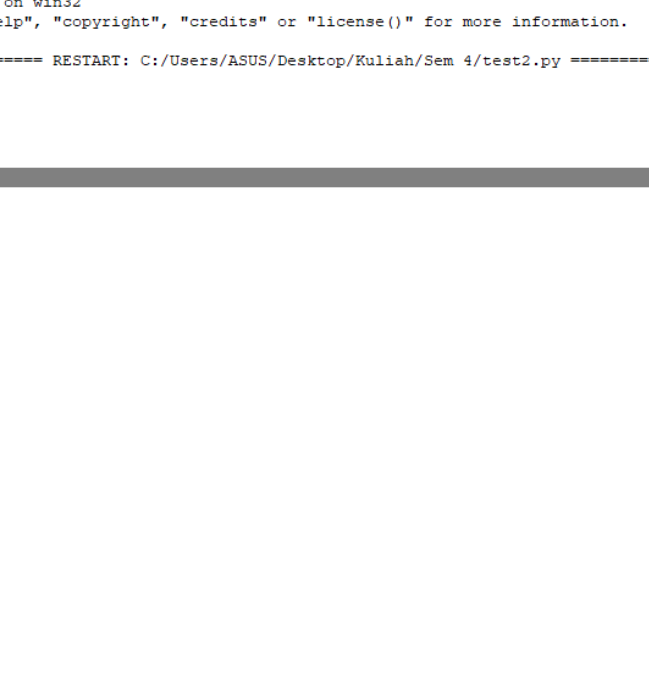


1.

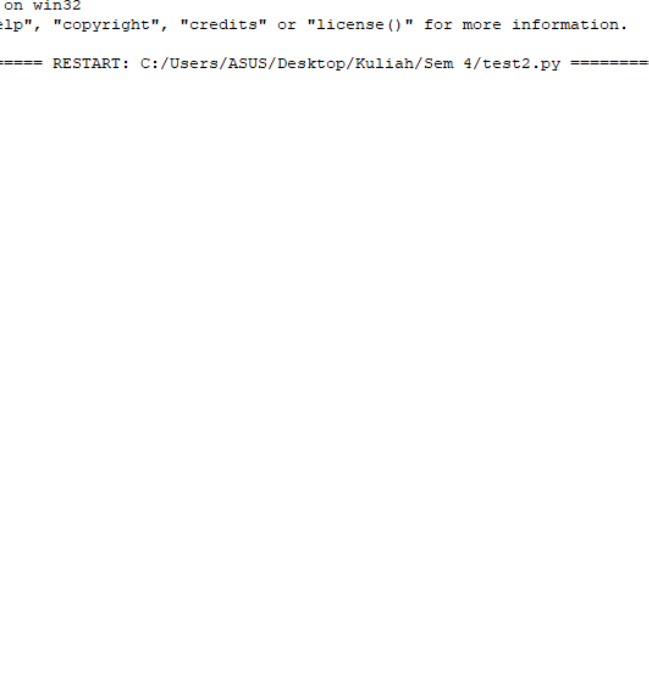


The screenshot shows a Windows command prompt window titled "Python 3.7.2 Shell". The window has a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The command prompt displays the following text:

```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
*
**
***
****
*****
>>>
```

The prompt is currently at the line "Ln: 10 Col: 4".

1.



The screenshot shows a Windows-style application window titled "Python 3.7.2 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area displays the following content:

```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
00000
0 0
0 0
00000
>>> |
```

The ASCII art logo consists of five lines: a top row of five zeros, two rows of a zero followed by a space and then another zero, and a bottom row of five zeros. The cursor is positioned at the end of the last prompt line.

At the bottom right of the window, the status bar shows "Ln: 9 Col: 4".

2.

```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
Jumlah huruf vokal : 4
Jumlah huruf : 9
Jumlah huruf konsonan : 5
Jumlah huruf : 9
>>>
```

```
test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)
File Edit Format Run Options Window Help
def jumlahHurufVokal(kata):
    vokal="AUIEOaui eo"
    jumlahvokal=""
    for k in kata:
        if k in vokal:
            jumlahvokal+=k
    print ("Jumlah huruf vokal : ",(len(jumlahvokal)))
    print ("Jumlah huruf : ",(len(kata)))
jumlahHurufVokal("Surakarta")

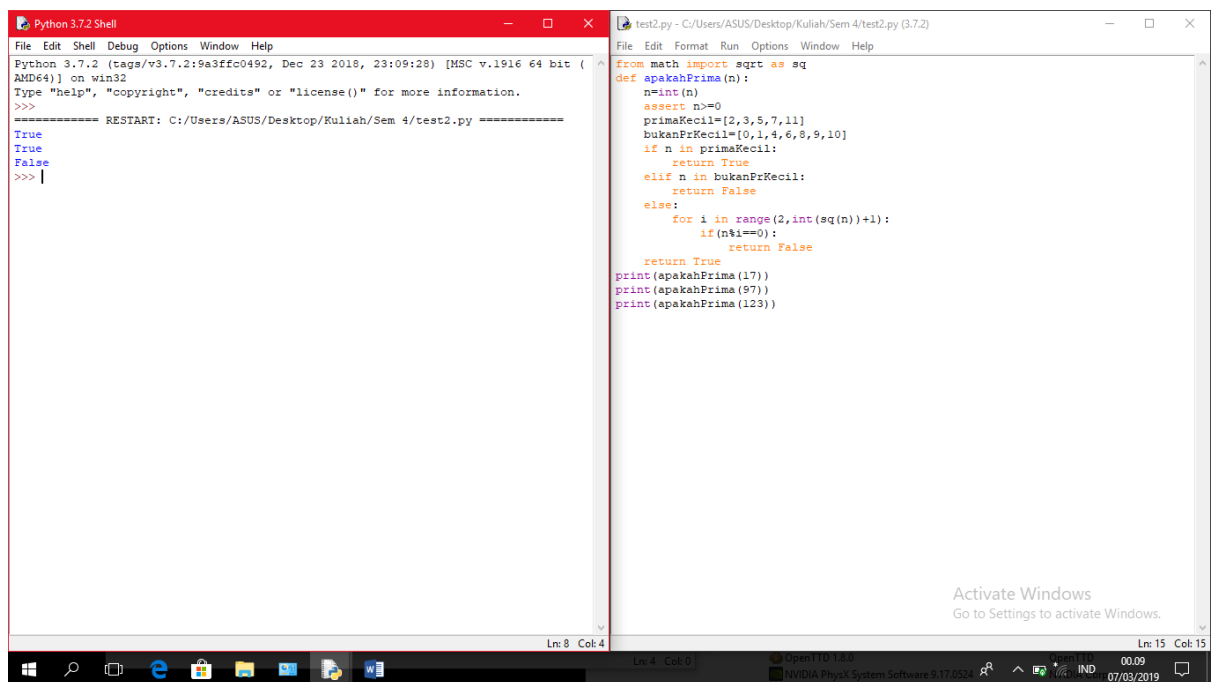
def jumlahHurufKonsonan(kata):
    vokal="AUIEOaui eo"
    jumlahkonsonan=""
    for k in kata:
        if k not in vokal:
            jumlahkonsonan+=k
    print ("Jumlah huruf konsonan : ",(len(jumlahkonsonan)))
    print ("Jumlah huruf : ",(len(kata)))
jumlahHurufKonsonan("Surakarta")
```

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, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
3.0
6.333333333333333
>>>
```

```
test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)
File Edit Format Run Options Window Help
def rerata (rata=[]):
    hasil=sum(rata)/len(rata)
    print (hasil)
    return hasil
rerata([1,2,3,4,5])
g=[3,4,5,4,3,4,5,2,2,10,11,23]
rerata(g)
```

4.



The screenshot shows a Windows desktop with two windows. The left window is titled 'Python 3.7.2 Shell' and displays the following text:

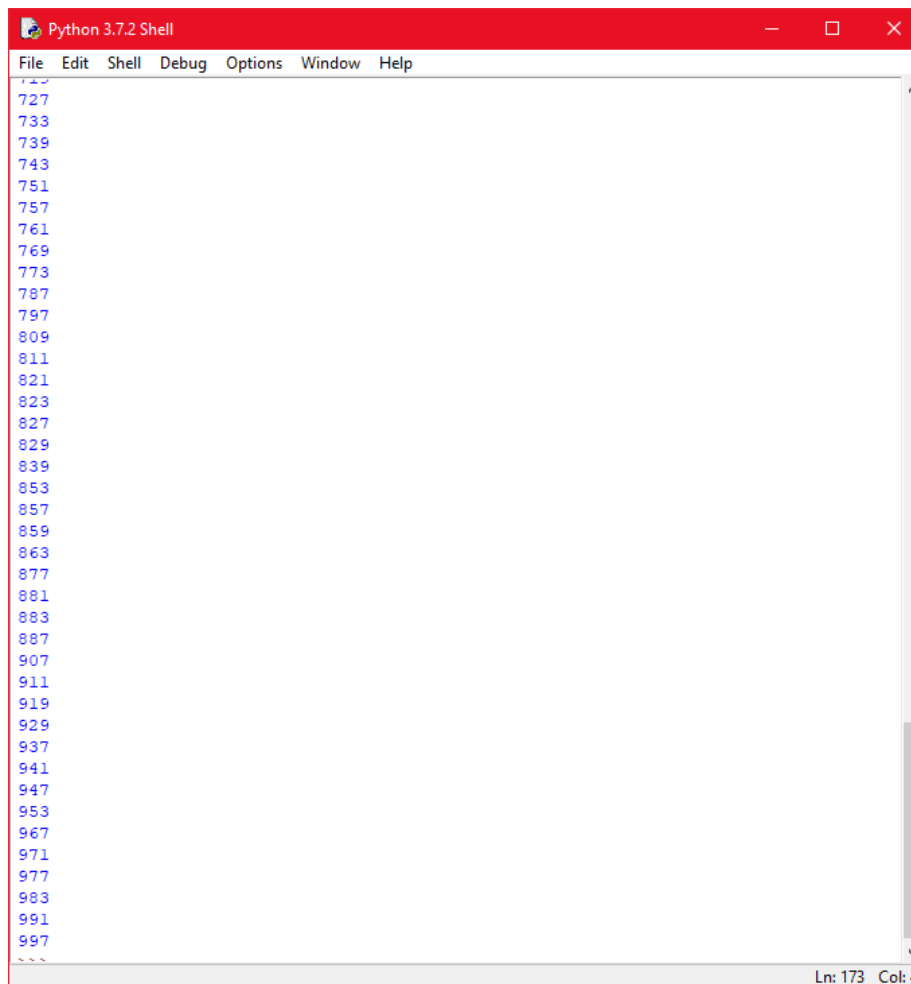
```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
True
True
False
>>> |
```

The right window is titled 'test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)' and contains the following Python code:

```
from math import sqrt as sq
def apakahPrima(n):
    n=int(n)
    assert n>=0
    primaKecil=[2,3,5,7,11]
    bukanPrKecil=[0,1,4,6,8,9,10]
    if n in primaKecil:
        return True
    elif n in bukanPrKecil:
        return False
    else:
        for i in range(2,int(sq(n))+1):
            if(n%i==0):
                return False
        return True
print(apakahPrima(17))
print(apakahPrima(97))
print(apakahPrima(123))
```

The taskbar at the bottom shows the Windows Start button, search icon, and several application icons. The system tray on the right shows the date and time as 07/03/2019 00:09.

5.



The screenshot shows a single window titled 'Python 3.7.2 Shell'. The window displays a list of numbers, likely the output of a program, with line numbers on the left side of the text area:

```
727
733
739
743
751
757
761
769
773
787
797
809
811
821
823
827
829
839
853
857
859
863
877
881
883
887
907
911
919
929
937
941
947
953
967
971
977
983
991
997
>>>
```

The status bar at the bottom right of the window indicates 'Ln: 173 Col: 4'.

6.

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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
>>> [2, 5]
>>> |
```

test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)

```
File Edit Format Run Options Window Help
def faktorPrima(y):
    prima=list()
    for i in range(2,y):
        a=True
        for iter in prima:
            if(i%iter==0):
                a=False
                break
        if a and y%i==0:
            prima.append(i)
    return prima
print(faktorPrima(10))
```

Activate Windows
Go to Settings to activate Windows.

7.

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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
>>> True
>>> |
```

test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)

```
File Edit Format Run Options Window Help
def apakahTerkendung(a,b):
    return a in b
h="do"
k="Indonesia tanah air beta"
print(apakahTerkendung(h,k))
```

Activate Windows
Go to Settings to activate Windows.

8.

```

Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
>>>
===== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
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
Python
Ln: 104 Col: 4

```

9.

```

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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
Determinan negatif
>>>
Ln: 6 Col: 4

```

```

test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.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(1,2,3))
Ln: 10 Col: 0

```

10.

The screenshot shows a Windows desktop with two open Python 3.7.2 windows. The left window, titled "Python 3.7.2 Shell", displays the following text:

```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
True
False
>>>
```

The right window, titled "test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.py (3.7.2)", displays the following code:

```
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(1896))
print(apakahKabisat(1897))
```

At the bottom of the right window, there is a watermark that says "Activate Windows Go to Settings to activate Windows." The taskbar at the bottom shows various icons and the system clock indicating 00:14 on 07/03/2019.

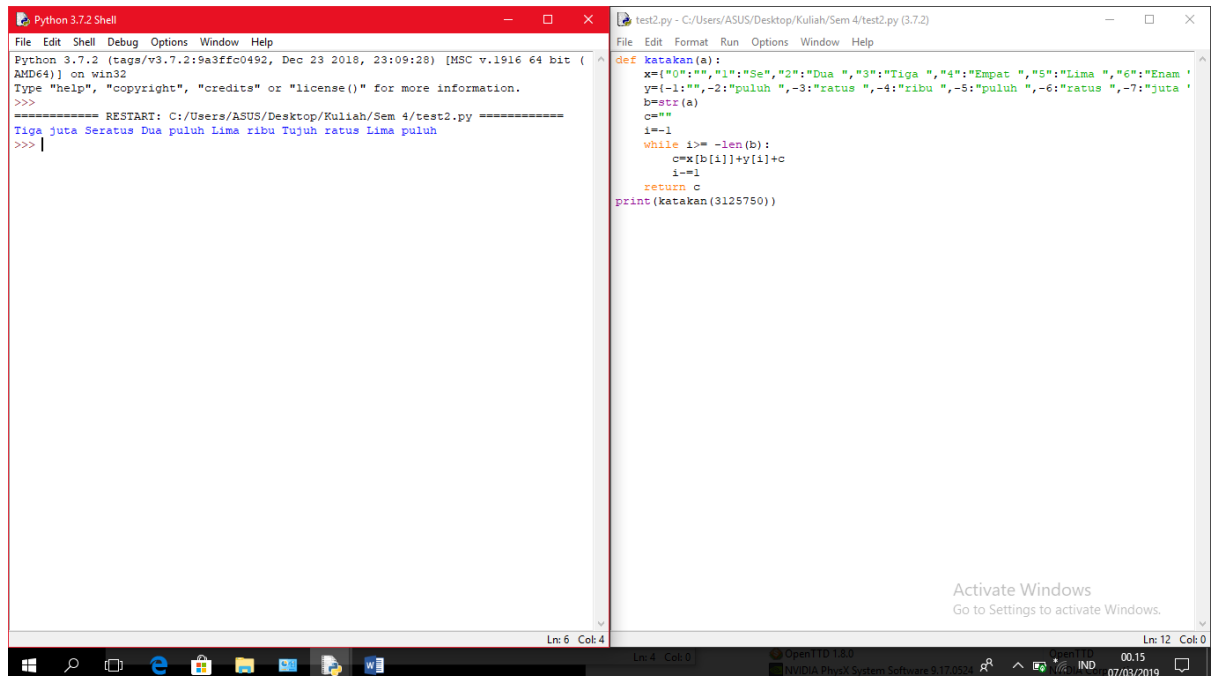
11.

The screenshot shows a single Python 3.7.2 Shell window titled "*Python 3.7.2 Shell*". It displays the following text:

```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
Masukan tebakan : 50
Itu terlalu besar. Coba lagi.
Masukan tebakan : 75
Itu terlalu besar. Coba lagi.
Masukan tebakan : 58
Itu terlalu besar. Coba lagi.
Masukan tebakan :
```

The status bar at the bottom right of the window shows "Ln: 11 Col: 18".

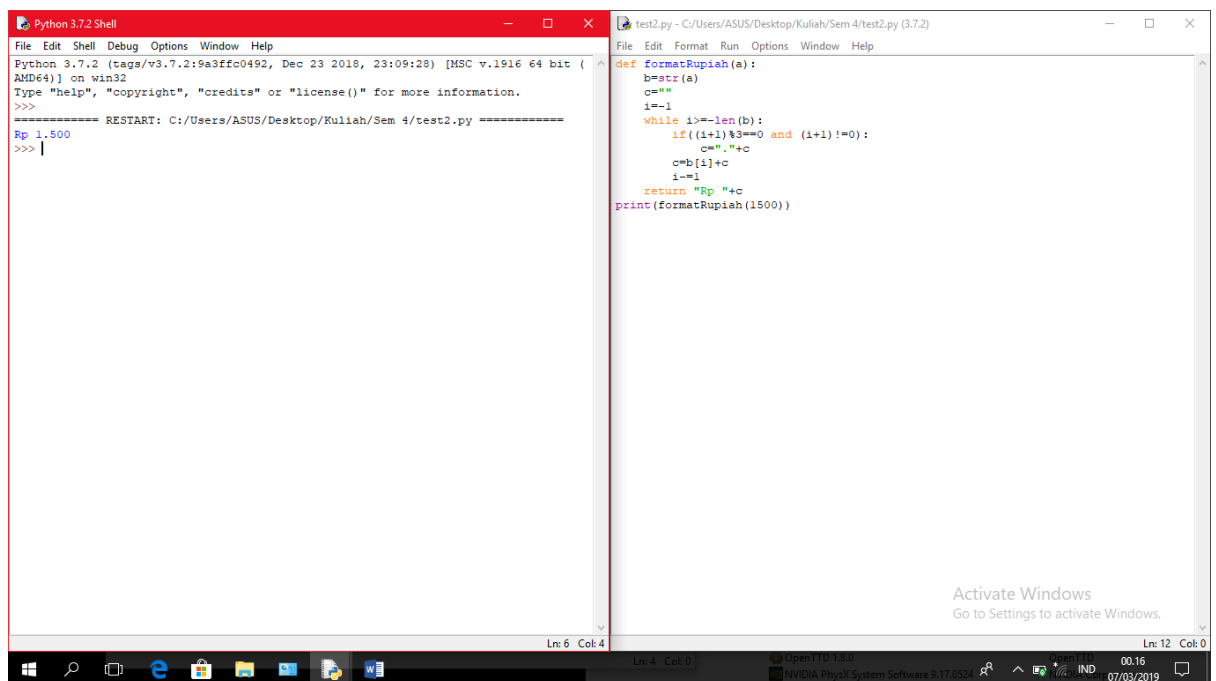
12.



```
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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
Tiga juta Seratus Dua puluh Lima ribu Tujuh ratus Lima puluh
>>>

test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.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 ", "7":"Tujuh ", "8":"Delapan ", "9":"Sembilan ", "10":"Sepuluh ", "11":"","12":"","13":"","14":"","15":"","16":"","17":"","18":"","19":"","20":"","21":"","22":"","23":"","24":"","25":"","26":"","27":"","28":"","29":"","30":"","31":"","32":"","33":"","34":"","35":"","36":"","37":"","38":"","39":"","40":"","41":"","42":"","43":"","44":"","45":"","46":"","47":"","48":"","49":"","50":"","51":"","52":"","53":"","54":"","55":"","56":"","57":"","58":"","59":"","60":"","61":"","62":"","63":"","64":"","65":"","66":"","67":"","68":"","69":"","70":"","71":"","72":"","73":"","74":"","75":"","76":"","77":"","78":"","79":"","80":"","81":"","82":"","83":"","84":"","85":"","86":"","87":"","88":"","89":"","90":"","91":"","92":"","93":"","94":"","95":"","96":"","97":"","98":"","99":"","100":"","101":"","102":"","103":"","104":"","105":"","106":"","107":"","108":"","109":"","110":"","111":"","112":"","113":"","114":"","115":"","116":"","117":"","118":"","119":"","120":"","121":"","122":"","123":"","124":"","125":"","126":"","127":"","128":"","129":"","130":"","131":"","132":"","133":"","134":"","135":"","136":"","137":"","138":"","139":"","140":"","141":"","142":"","143":"","144":"","145":"","146":"","147":"","148":"","149":"","150":"","151":"","152":"","153":"","154":"","155":"","156":"","157":"","158":"","159":"","160":"","161":"","162":"","163":"","164":"","165":"","166":"","167":"","168":"","169":"","170":"","171":"","172":"","173":"","174":"","175":"","176":"","177":"","178":"","179":"","180":"","181":"","182":"","183":"","184":"","185":"","186":"","187":"","188":"","189":"","190":"","191":"","192":"","193":"","194":"","195":"","196":"","197":"","198":"","199":"","200":"","201":"","202":"","203":"","204":"","205":"","206":"","207":"","208":"","209":"","210":"","211":"","212":"","213":"","214":"","215":"","216":"","217":"","218":"","219":"","220":"","221":"","222":"","223":"","224":"","225":"","226":"","227":"","228":"","229":"","230":"","231":"","232":"","233":"","234":"","235":"","236":"","237":"","238":"","239":"","240":"","241":"","242":"","243":"","244":"","245":"","246":"","247":"","248":"","249":"","250":"","251":"","252":"","253":"","254":"","255":"","256":"","257":"","258":"","259":"","260":"","261":"","262":"","263":"","264":"","265":"","266":"","267":"","268":"","269":"","270":"","271":"","272":"","273":"","274":"","275":"","276":"","277":"","278":"","279":"","280":"","281":"","282":"","283":"","284":"","285":"","286":"","287":"","288":"","289":"","290":"","291":"","292":"","293":"","294":"","295":"","296":"","297":"","298":"","299":"","300":"","301":"","302":"","303":"","304":"","305":"","306":"","307":"","308":"","309":"","310":"","311":"","312":"","313":"","314":"","315":"","316":"","317":"","318":"","319":"","320":"","321":"","322":"","323":"","324":"","325":"","326":"","327":"","328":"","329":"","330":"","331":"","332":"","333":"","334":"","335":"","336":"","337":"","338":"","339":"","340":"","341":"","342":"","343":"","344":"","345":"","346":"","347":"","348":"","349":"","350":"","351":"","352":"","353":"","354":"","355":"","356":"","357":"","358":"","359":"","360":"","361":"","362":"","363":"","364":"","365":"","366":"","367":"","368":"","369":"","370":"","371":"","372":"","373":"","374":"","375":"","376":"","377":"","378":"","379":"","380":"","381":"","382":"","383":"","384":"","385":"","386":"","387":"","388":"","389":"","390":"","391":"","392":"","393":"","394":"","395":"","396":"","397":"","398":"","399":"","400":"","401":"","402":"","403":"","404":"","405":"","406":"","407":"","408":"","409":"","410":"","411":"","412":"","413":"","414":"","415":"","416":"","417":"","418":"","419":"","420":"","421":"","422":"","423":"","424":"","425":"","426":"","427":"","428":"","429":"","430":"","431":"","432":"","433":"","434":"","435":"","436":"","437":"","438":"","439":"","440":"","441":"","442":"","443":"","444":"","445":"","446":"","447":"","448":"","449":"","450":"","451":"","452":"","453":"","454":"","455":"","456":"","457":"","458":"","459":"","460":"","461":"","462":"","463":"","464":"","465":"","466":"","467":"","468":"","469":"","470":"","471":"","472":"","473":"","474":"","475":"","476":"","477":"","478":"","479":"","480":"","481":"","482":"","483":"","484":"","485":"","486":"","487":"","488":"","489":"","490":"","491":"","492":"","493":"","494":"","495":"","496":"","497":"","498":"","499":"","500":"","501":"","502":"","503":"","504":"","505":"","506":"","507":"","508":"","509":"","510":"","511":"","512":"","513":"","514":"","515":"","516":"","517":"","518":"","519":"","520":"","521":"","522":"","523":"","524":"","525":"","526":"","527":"","528":"","529":"","530":"","531":"","532":"","533":"","534":"","535":"","536":"","537":"","538":"","539":"","540":"","541":"","542":"","543":"","544":"","545":"","546":"","547":"","548":"","549":"","550":"","551":"","552":"","553":"","554":"","555":"","556":"","557":"","558":"","559":"","560":"","561":"","562":"","563":"","564":"","565":"","566":"","567":"","568":"","569":"","570":"","571":"","572":"","573":"","574":"","575":"","576":"","577":"","578":"","579":"","580":"","581":"","582":"","583":"","584":"","585":"","586":"","587":"","588":"","589":"","590":"","591":"","592":"","593":"","594":"","595":"","596":"","597":"","598":"","599":"","600":"","601":"","602":"","603":"","604":"","605":"","606":"","607":"","608":"","609":"","610":"","611":"","612":"","613":"","614":"","615":"","616":"","617":"","618":"","619":"","620":"","621":"","622":"","623":"","624":"","625":"","626":"","627":"","628":"","629":"","630":"","631":"","632":"","633":"","634":"","635":"","636":"","637":"","638":"","639":"","640":"","641":"","642":"","643":"","644":"","645":"","646":"","647":"","648":"","649":"","650":"","651":"","652":"","653":"","654":"","655":"","656":"","657":"","658":"","659":"","660":"","661":"","662":"","663":"","664":"","665":"","666":"","667":"","668":"","669":"","670":"","671":"","672":"","673":"","674":"","675":"","676":"","677":"","678":"","679":"","680":"","681":"","682":"","683":"","684":"","685":"","686":"","687":"","688":"","689":"","690":"","691":"","692":"","693":"","694":"","695":"","696":"","697":"","698":"","699":"","700":"","701":"","702":"","703":"","704":"","705":"","706":"","707":"","708":"","709":"","710":"","711":"","712":"","713":"","714":"","715":"","716":"","717":"","718":"","719":"","720":"","721":"","722":"","723":"","724":"","725":"","726":"","727":"","728":"","729":"","730":"","731":"","732":"","733":"","734":"","735":"","736":"","737":"","738":"","739":"","740":"","741":"","742":"","743":"","744":"","745":"","746":"","747":"","748":"","749":"","750":"","751":"","752":"","753":"","754":"","755":"","756":"","757":"","758":"","759":"","760":"","761":"","762":"","763":"","764":"","765":"","766":"","767":"","768":"","769":"","770":"","771":"","772":"","773":"","774":"","775":"","776":"","777":"","778":"","779":"","780":"","781":"","782":"","783":"","784":"","785":"","786":"","787":"","788":"","789":"","790":"","791":"","792":"","793":"","794":"","795":"","796":"","797":"","798":"","799":"","800":"","801":"","802":"","803":"","804":"","805":"","806":"","807":"","808":"","809":"","810":"","811":"","812":"","813":"","814":"","815":"","816":"","817":"","818":"","819":"","820":"","821":"","822":"","823":"","824":"","825":"","826":"","827":"","828":"","829":"","830":"","831":"","832":"","833":"","834":"","835":"","836":"","837":"","838":"","839":"","840":"","841":"","842":"","843":"","844":"","845":"","846":"","847":"","848":"","849":"","850":"","851":"","852":"","853":"","854":"","855":"","856":"","857":"","858":"","859":"","860":"","861":"","862":"","863":"","864":"","865":"","866":"","867":"","868":"","869":"","870":"","871":"","872":"","873":"","874":"","875":"","876":"","877":"","878":"","879":"","880":"","881":"","882":"","883":"","884":"","885":"","886":"","887":"","888":"","889":"","890":"","891":"","892":"","893":"","894":"","895":"","896":"","897":"","898":"","899":"","900":"","901":"","902":"","903":"","904":"","905":"","906":"","907":"","908":"","909":"","910":"","911":"","912":"","913":"","914":"","915":"","916":"","917":"","918":"","919":"","920":"","921":"","922":"","923":"","924":"","925":"","926":"","927":"","928":"","929":"","930":"","931":"","932":"","933":"","934":"","935":"","936":"","937":"","938":"","939":"","940":"","941":"","942":"","943":"","944":"","945":"","946":"","947":"","948":"","949":"","950":"","951":"","952":"","953":"","954":"","955":"","956":"","957":"","958":"","959":"","960":"","961":"","962":"","963":"","964":"","965":"","966":"","967":"","968":"","969":"","970":"","971":"","972":"","973":"","974":"","975":"","976":"","977":"","978":"","979":"","980":"","981":"","982":"","983":"","984":"","985":"","986":"","987":"","988":"","989":"","990":"","991":"","992":"","993":"","994":"","995":"","996":"","997":"","998":"","999"}
    c=""
    i=-1
    while i>=-len(b):
        c=x[b[i]]+y[i]+c
        i=i-1
    return c
print(katakan(3125750))
```

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/ASUS/Desktop/Kuliah/Sem 4/test2.py =====
Rp 1.500
>>>

test2.py - C:/Users/ASUS/Desktop/Kuliah/Sem 4/test2.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=i-1
    return "Rp "+c
print(formatRupiah(1500))
```