

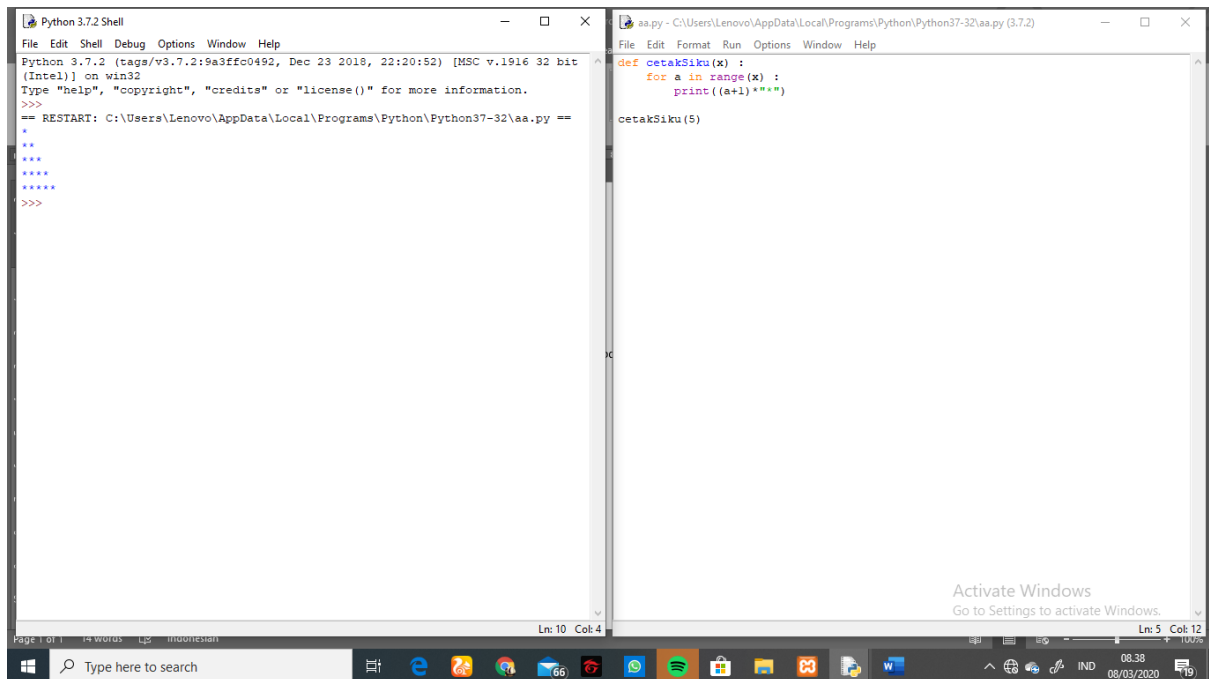
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Modul 1

1.

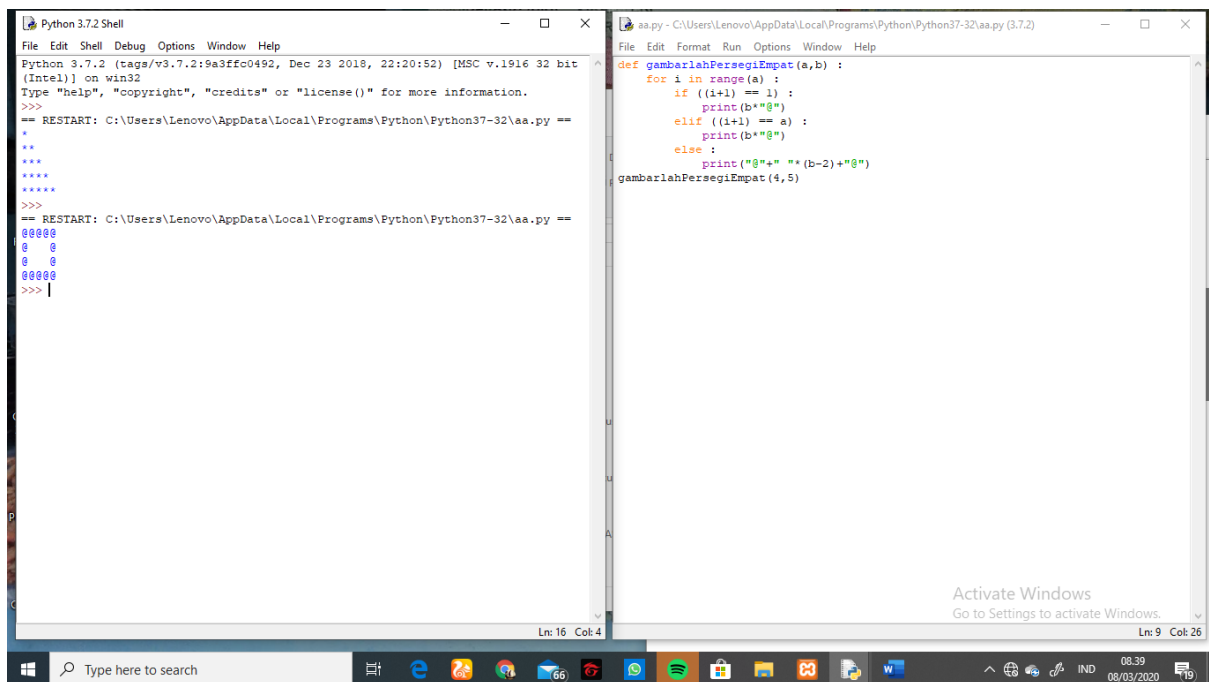


The screenshot shows two windows from a Windows 10 desktop. The left window is titled 'Python 3.7.2 Shell' and displays the standard Python prompt and help text. The right window is titled 'aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)' and contains the following Python code:

```
def cetakSiku(x) :  
    for a in range(x) :  
        print ((a+1)*" ")  
  
cetakSiku(5)
```

The taskbar at the bottom shows the date as 08/03/2020 and the time as 08:38.

2.

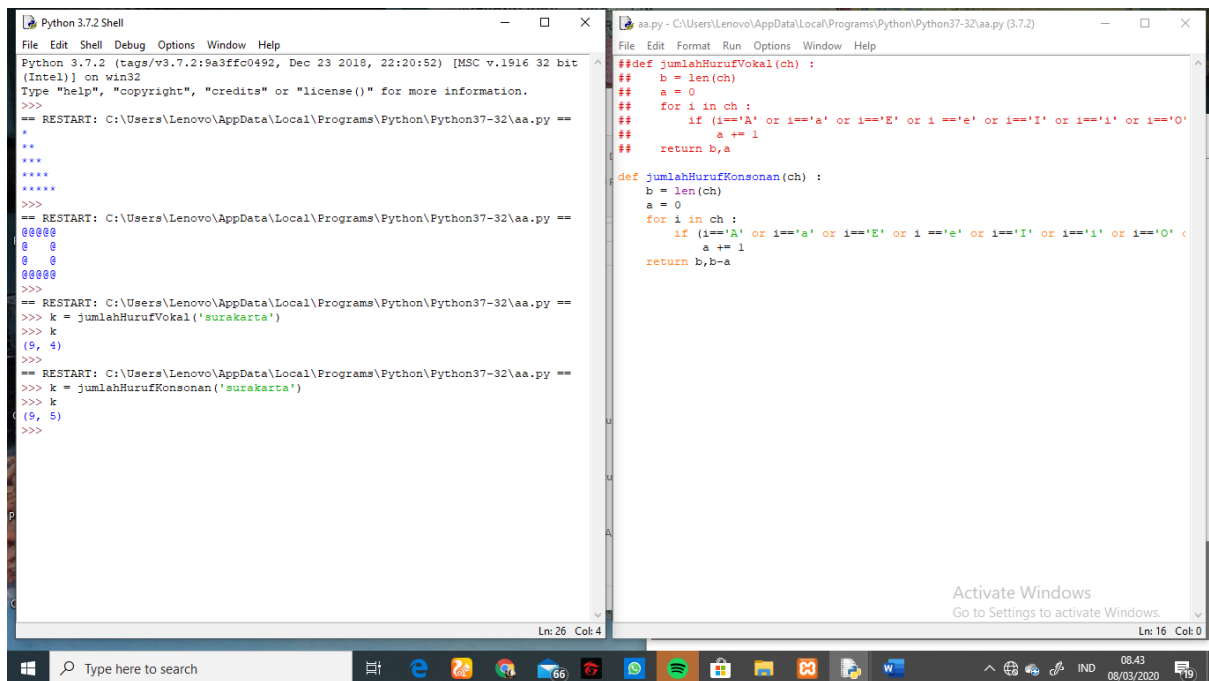


The screenshot shows two windows from a Windows 10 desktop. The left window is titled 'Python 3.7.2 Shell' and displays the standard Python prompt and help text. The right window is titled 'aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)' and contains the following Python code:

```
def gambarlahPersegiEmpat(a,b) :  
    for i in range(a) :  
        if ((i+1) == 1) :  
            print (b*" ")  
        elif ((i+1) == a) :  
            print (b*" ")  
        else :  
            print ("@"+" "*(b-2)+"@")  
  
gambarlahPersegiEmpat(4,5)
```

The taskbar at the bottom shows the date as 08/03/2020 and the time as 08:39.

3.



The screenshot shows two windows. The left window is a Python 3.7.2 Shell with the following code and output:

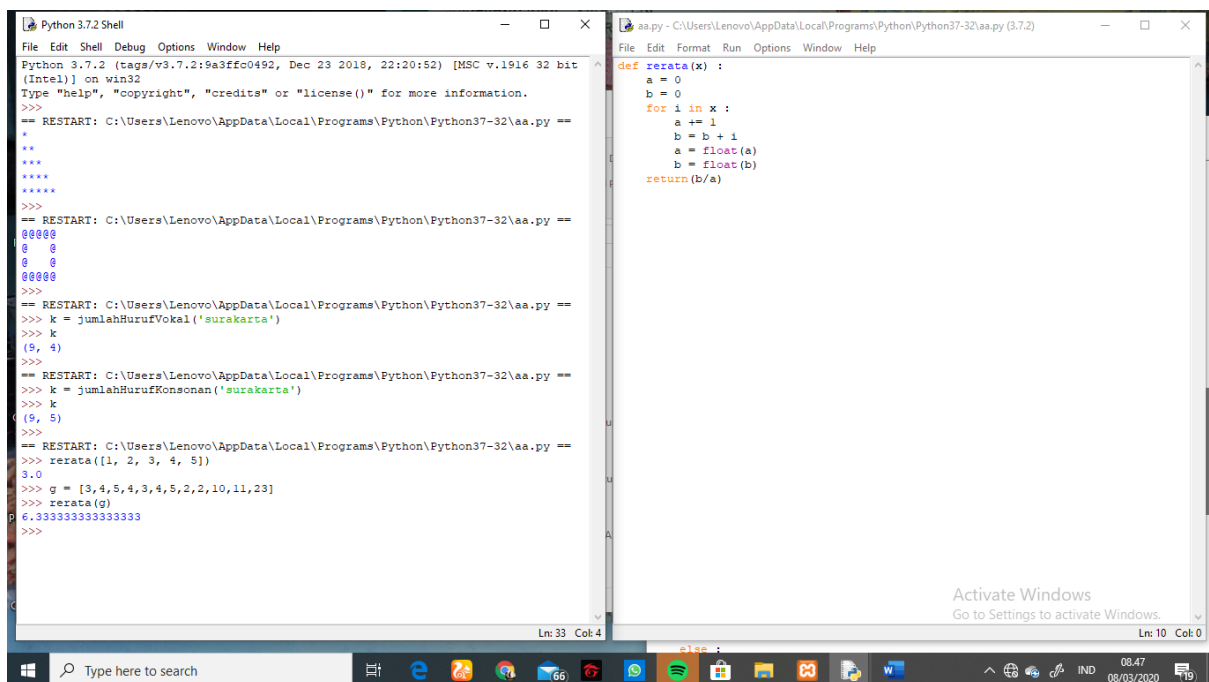
```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>>
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
0 0
0 0
00000
>>>
== 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)
>>>
```

The right window is a Python script editor showing the following code:

```
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' 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' or i=='o') :
            a += 1
    return b,b-a
```

4.



The screenshot shows two windows. The left window is a Python 3.7.2 Shell with the following code and output:

```
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 ==
0 0
0 0
00000
>>>
== 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
>>>
```

The right window is a Python script editor showing the following code:

```
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)
```

```
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 ==
*
**
***
****
*****
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
#####
0 0
0 0
#####
>>>
== 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")

Ln: 10 Col: 0
```

The screenshot displays a Windows 10 desktop environment. Two windows are open:

- Python 3.7.2 Shell (Left):** This window shows a list of numbers from 733 to 997, with line numbers on the left margin. The prompt is `>>>`.
- aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2) (Right):** This window contains a Python script for checking prime numbers. The code is as follows:


```
def cekPrima() :
    y = range(1001)
    for i in range(2,1001) :
        x = 0
        for j in range(1) :
            if i % (j+1) == 0 :
                x += 1
        if x == 2 :
            print(i)
```

The Windows taskbar at the bottom includes the Start button, a search bar with the text "Type here to search", and several pinned application icons including File Explorer, Edge, and various utility programs. The system tray on the right shows the date and time as 08.51 on 08/03/2020.

7.

The screenshot shows a Python 3.7.2 Shell and Editor window. The shell on the left displays the execution of a function `faktorPrima` with various inputs, showing the resulting prime factors. The editor on the right shows the definition of `faktorPrima(x)`, which uses a while loop to find prime factors and append them to a list.

```

Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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
>>>
== 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]
>>>

Python 3.7.2 Editor
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

```

8.

The screenshot shows a Python 3.7.2 Shell and Editor window. The shell on the left displays the execution of a function `apakahTerkandung` with various inputs, showing the resulting boolean value. The editor on the right shows the definition of `apakahTerkandung(a,b)`, which checks if `a` is a substring of `b`.

```

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('puasa', k)
False
>>>

Python 3.7.2 Editor
File Edit Format Run Options Window Help
def apakahTerkandung(a,b) :
    if a in b :
        return True
    else :
        return False

```

The image shows a Windows desktop with two open Python 3.7.2 Shell windows. The left window displays a list of 'Python' and 'UMS' entries, likely from a file explorer or a text file. The right window shows a Python script with a loop and conditional statements. The taskbar at the bottom shows various application icons and the system clock.

Left Window (Python 3.7.2 Shell):

```
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
>>> |
```

Right Window (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)
```

Taskbar:

- Windows Start Button
- Search Bar: Type here to search
- Taskbar Icons: File Explorer, Edge, Chrome, Task View, Microsoft Store, OneDrive, Spotify, VLC, Word, PowerPoint, Outlook, Teams, Zoom, etc.
- System Tray: Network, Volume, Date/Time (08/03/2020, 08.56)

The image shows two side-by-side Windows command prompt windows. The left window is titled "Python 3.7.2 Shell" and contains a series of commands: "Python UMS" repeated multiple times, followed by "RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==", and then "selesaikanABC(1, 2, 3)". The right window is titled "aa.py - C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py (3.7.2)" and contains a Python script. The script defines a function "selesaikanABC(a,b,c)" which calculates the discriminant "res = (b**2) - (4*a*c)" and prints messages based on its value: "Determinannya nol. Persamaan mempunyai satu akar kembar." for res == 0, "Determinannya positif. Persamaan mempunyai akar real dan berlainan" for res > 0, and "Determinannya negatif. Persamaan tidak mempunyai akar real." for res < 0. The status bar at the bottom of the left window shows "Ln: 341 Col: 4" and the status bar at the bottom of the right window shows "Ln: 11 Col: 0".

```
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.
>>>
```

```
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 berlainan")
    elif res < 0 :
        print("Determinannya negatif. Persamaan tidak mempunyai akar real.")
```

Ln: 341 Col: 4

Ln: 11 Col: 0

11.

The screenshot shows two windows. The left window is a Python 3.7.2 Shell with the following content:

```

File Edit Shell Debug Options Window Help
apakahKabisat(1896)
NameError: name 'apakahKabisat' 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
>>>

```

The right window is a Python script editor showing the following code:

```

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")

```

At the bottom of the right window, there is a watermark: "Activate Windows Go to Settings to activate Windows."

12.

The screenshot shows two windows. The left window is a Python 3.7.2 Shell with the following content:

```

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.
>>>

```

The right window is a Python script editor showing the following code:

```

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

```

At the bottom of the right window, there is a watermark: "Activate Windows Go to Settings to activate Windows."

13.

The screenshot shows two windows from a Windows desktop. The left window is a 'Python 3.7.2 Shell' with a menu bar (File, Edit, Shell, Debug, Options, Window, Help). It displays the execution of a script. The script starts with a file path, then imports 'random' and defines a function 'tebak()'. The function generates a random number between 1 and 100 and prompts the user to guess. The shell shows several attempts where the user's guess is either too high or too low, and finally a correct guess of 21. The right window is a text editor showing the source code of 'aa.py'. The code defines a function 'katakan(x)' that takes a number and returns its Indonesian word representation (e.g., 'satu', 'dua', ..., 'seribu', 'juta', 'milyar'). The code uses a series of if-elif statements to handle different ranges of numbers. The taskbar at the bottom shows various application icons and the system clock indicating 09:53 on 08/03/2020.

```
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 p
uluh lima'
>>>
```

```
def katakan(x):
    satuan = [' ', 'satu', 'dua', 'tiga', 'empat', 'lima', 'enam', 'tujuh', 'del
    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
```

14.

The screenshot shows two windows from a Windows desktop. The left window is a 'Python 3.7.2 Shell' with a menu bar (File, Edit, Shell, Debug, Options, Window, Help). It displays the execution of a script. The script starts with a file path, then imports 'random' and defines a function 'tebak()'. The function generates a random number between 1 and 100 and prompts the user to guess. The shell shows several attempts where the user's guess is either too high or too low, and finally a correct guess of 21. The right window is a text editor showing the source code of 'aa.py'. The code defines a function 'formatRupiah(a)' that takes a number and returns its Indonesian word representation (e.g., 'satu', 'dua', ..., 'seribu', 'juta', 'milyar'). The code uses a series of if-elif statements to handle different ranges of numbers. The taskbar at the bottom shows various application icons and the system clock indicating 09:54 on 08/03/2020.

```
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 p
uluh lima'
>>>
== RESTART: C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32\aa.py ==
>>> formatRupiah(15000)
Rp 15.000
>>> formatRupiah(100500)
Rp 100.500
>>>
```

```
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)
```