```
File Edit Shell Debug Options Window Help
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>>
Enter integer to the list:
10
Is this the last element?(y/n):
n
52
Is this the last element?(y/n):
n
36
Is this the last element?(y/n):
y
List: [10, 52, 36]
Largest value in list 1 is: 52
```

▶ IDLE Shell 3.10.1

File Edit Shell Debug Options Window Help

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

>>> ========= RESTART: C:\Users\Admin\Desktop\python pros\duplilist.py =========== Duplicated list: [20, 20, 10, 30, 30]

Deduplicated list: [20, 10, 30]

>>>> |
```

IDLE Shell 3.10.1

File Edit Shell Debug Options Window Help

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

======== RESTART: C:\Users\Admin\Desktop\python pros\tuple to dict.py ========

Tuple: (('Rajesh', 75), ('Arjun', 80), ('Thomas', 60))
dictionary: {'Rajesh': 75, 'Arjun': 80, 'Thomas': 60}
>>>
```

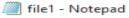
```
🎉 IDLE Shell 3.10.1
```

```
File Edit Shell Debug Options Window Help
    Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
    ======= RESTART: C:\Users\Admin\Desktop\python pros\mergedict.py ========
    {'a': 1, 'b': 2, 'c': 3}
    {'d': 4, 'e': 5, 'f': 6}
    {'a': 1, 'b': 2, 'c': 3, 'd': 4, 'e': 5, 'f': 6}
>>>
ible Shell 3.10.1
File Edit Shell Debug Options Window Help
    Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>>
    ======= RESTART: C:\Users\Admin\Desktop\python pros\list common.py ========
    True
>>>
▶ IDLE Shell 3.10.1
File Edit Shell Debug Options Window Help
    Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>>
     ======= RESTART: C:\Users\Admin\Desktop\python pros\date earlier.py ========
    Earlier date is: 2025-04-24
>>>
```

file2 - Notepad

File Edit Format View Help

hello guys how do you do? i am doing well going through tough days....



File Edit Format View Help

HELLO GUYS HOW DO YOU DO? I AM DOING WELL GOING THROUGH TOUGH DAYS...



file2 - Notepad

File Edit Format View Help

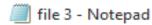
HELLO GUYS HOW DO YOU DO? I AM DOING WELL GOING THROUGH TOUGH DAYS...



file 3 - Notepad

File Edit Format View Help

Python is a powerful programming language I enjoy learning python



File Edit Format View Help

C is a powerful programming language I enjoy learning C

10 IDLE Shell 3.10.1

```
File Edit Shell Debug Options Window Help
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>>

===== RESTART: C:\Users\Admin\Desktop\python pros\count lines in a file.py =====

Number of lines: 4

>>>>
```

B IDLE Shell 3.10.1

File Edit Shell Debug Options Window Help

ible Shell 3.10.1

```
IDLE Shell 3.10.1
```

```
File Edit Shell Debug Options Window Help
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec \,6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.
  === RESTART: C:\Users\Admin\Desktop\python pros\matrix transformations2.py ====
[[1 0 0 1]
 [0 1 0 1]
 [0 0 1 0]
 [0 0 0 1]]
[[ 1.
                0.
                            0.
                                          0.
               0.8660254 -0.5
 [ 0.
                                         0.
                0.5 0.8660254 0.
[ 0.
 [ 0.
                0.
                            0.
                                          1.
[[2 0 0 0]
 [0 2 0 0]
 [0 0 0 0]
 [0 0 0 1]]
```

IDLE Shell 3.10.1

File Edit Shell Debug Options Window Help

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
======== RESTART: C:\Users\Admin\Desktop\python pros\svd.py =========
[[1 2 3]
[4 5 6]
[7 8 9]]
[[-0.21483724 0.88723069 0.40824829]
[-0.52058739 0.24964395 -0.81649658]
 [-0.82633754 -0.38794278 0.40824829]]
[1.68481034e+01 1.06836951e+00 4.41842475e-16]
[[-0.47967118 -0.57236779 -0.66506441]
[-0.77669099 -0.07568647 0.62531805]
 [-0.40824829 0.81649658 -0.40824829]]
[[1.68481034e+01 0.00000000e+00 0.00000000e+00]
[0.00000000e+00 1.06836951e+00 0.00000000e+00]
 [0.00000000e+00 0.00000000e+00 4.41842475e-16]]
[[1. 2. 3.]
[4. 5. 6.]
 [7. 8. 9.]]
```

