

0402.py - C:/Users/tnqls/OneDrive/바탕 화면/cau/기초 프로그래밍/0402.py (3.10.2)

File Edit Format Run Options Window Help

```
aa=[]
bb=[]
value=0

for i in range(0,600):
    aa.append(value)
    value+=3

for i in range(0,600):
    bb.append(aa[599-i])

print("bb[0]에는 %d이, bb[199]에는 %d이 입력됩니다." % (bb[0],bb[199]))
```

Ln: 13 Col: 0

IDLE Shell 3.10.2

File Edit Shell Debug Options Window Help

```
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>
===== RESTART: C:/Users/tnqls/OneDrive/바탕 화면/cau/기초 프로그래밍
/0402.py =====
bb[0]에는 17970이, bb[199]에는 12000이 입력됩니다.

>>>
```

Ln: 6 Col: 0

9°C 맑음

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오후 9:07  
2022-04-02

0402-2.py - C:/Users/tnqls/OneDrive/바탕 화면/cau/기초 프로그래밍/0402-2.py (3.10.2)

File Edit Format Run Options Window Help

```
list1=[]
list2=[]
value=0

for i in range(0,4):
    for k in range(0,5):
        list1.append(value)
        value+=3
    list2.append(list1)
    list1=[]

for i in range(0,4):
    for k in range(0,5):
        print("%4d" % list2[i][k], end=" ")
    print(" ")
```

Ln: 16 Col: 0

IDLE Shell 3.10.2

File Edit Shell Debug Options Window Help

```
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(AMD64)] on win32
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>>>
===== RESTART: C:/Users/tnqls/OneDrive/바탕 화면/cau/기초 프로그래밍/
0402-2.py =====
 0  3  6  9 12
15 18 21 24 27
30 33 36 39 42
45 48 51 54 57

>>>
```

Ln: 9 Col: 0

14°C 맑음

^ A 한

오후 4:05  
2022-04-03

```
0403.py - C:\Users\tnqls\OneDrive\바탕 화면\cau\기초 프로그래밍\0403.py (3.10.2)
File Edit Format Run Options Window Help

import turtle as t
import random

myTurtle,tX,tY,tColor,tSize,tShape=[None]*6
shapeList=[]
playerTurtles=[]
swidth,sheight=500,500

num=int(input("거북이 표현 개수: "))

if __name__=="__main__":
    t.title('거북이 리스트 활용')
    t.setup(width=swidth+50,height=sheight+50)
    t.screensize(swidth,sheight)
    shapeList=t.getshapes()
    for i in range(0,100):
        random.shuffle(shapeList)
        myTurtle=t.Turtle(shapeList[0])
        tX=random.randrange(-swidth/2, swidth/2)
        tY=random.randrange(-sheight/2, sheight/2)
        r=random.random(); g=random.random(); b=random.random();
        tSize=random.randrange(1,3)
        playerTurtles.append([myTurtle,tX,tY,tSize,r,g,b])

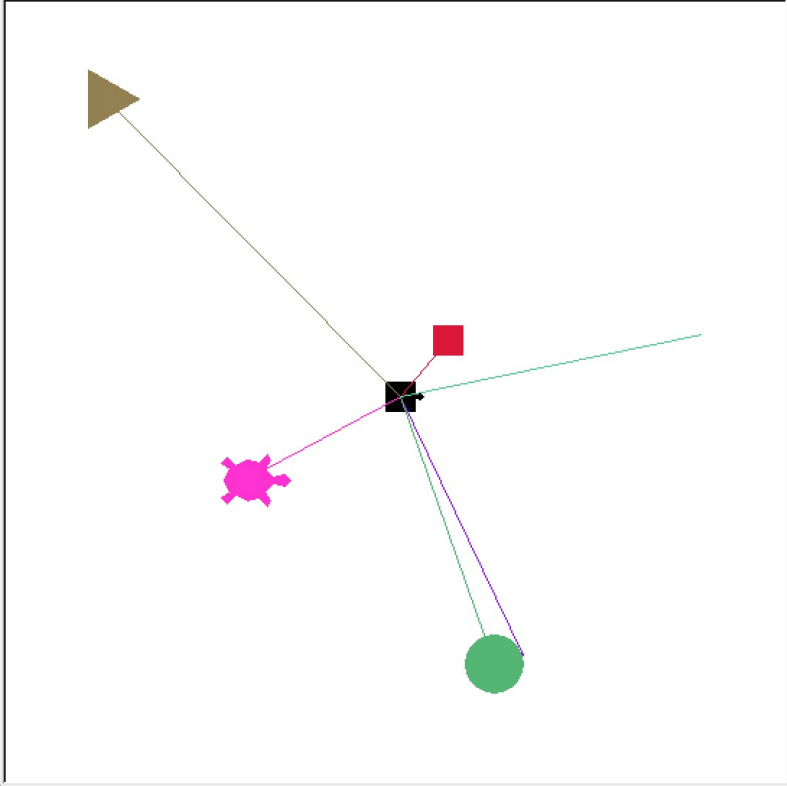
    for i in range(0,num):
        myTurtle=playerTurtles[i][0]
        myTurtle.color((playerTurtles[i][4],playerTurtles[i][5],playerTurtles[i][6]))
        myTurtle.pencolor((playerTurtles[i][4],playerTurtles[i][5],playerTurtles[i][6]))
        myTurtle.turtlesize(playerTurtles[i][3])
        myTurtle.goto(playerTurtles[i][1],playerTurtles[i][2])
    t.done()
```

```
*IDLE Shell 3.10.2*
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>>>
===== RESTART: C:\Users\tnqls\OneDrive\바탕 화면\cau\기초 프로그
래밍\0403.py =====
거북이 표현 개수: 6

거북이 리스트 활용
```



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Ln: 11 Col: 3

Ln: 6 Col: 0

```
0403.py - C:\Users\tnqls\OneDrive\바탕 화면\cau\기초 프로그래밍\0403.py (3.10.2)
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import turtle as t
import random

myTurtle,tX,tY,tColor,tSize,tShape=[None]*6
shapeList=[]
playerTurtles=[]
swidth,sheight=500,500

num=int(input("거북이 표현 개수: "))

if __name__=="__main__":
    t.title('거북 리스트 활용')
    t.setup(width=swidth+50,height=sheight+50)
    t.screensize(swidth,sheight)
    shapeList=t.getshapes()
    for i in range(0,num):
        random.shuffle(shapeList)
        myTurtle=t.Turtle(shapeList[0])
        tX=random.randrange(-swidth/2, swidth/2)
        tY=random.randrange(-sheight/2, sheight/2)
        r=random.random(); g=random.random(); b=random.random();
        tSize=random.randrange(1,3)
        playerTurtles.append([myTurtle,tX,tY,tSize,r,g,b])

    for tList in playerTurtles:
        myTurtle=tList[0]
        myTurtle.color((tList[4],tList[5],tList[6]))
        myTurtle.pencolor((tList[4],tList[5],tList[6]))
        myTurtle.turtlesize(tList[3])
        myTurtle.goto(tList[1],tList[2])
    t.done()
```

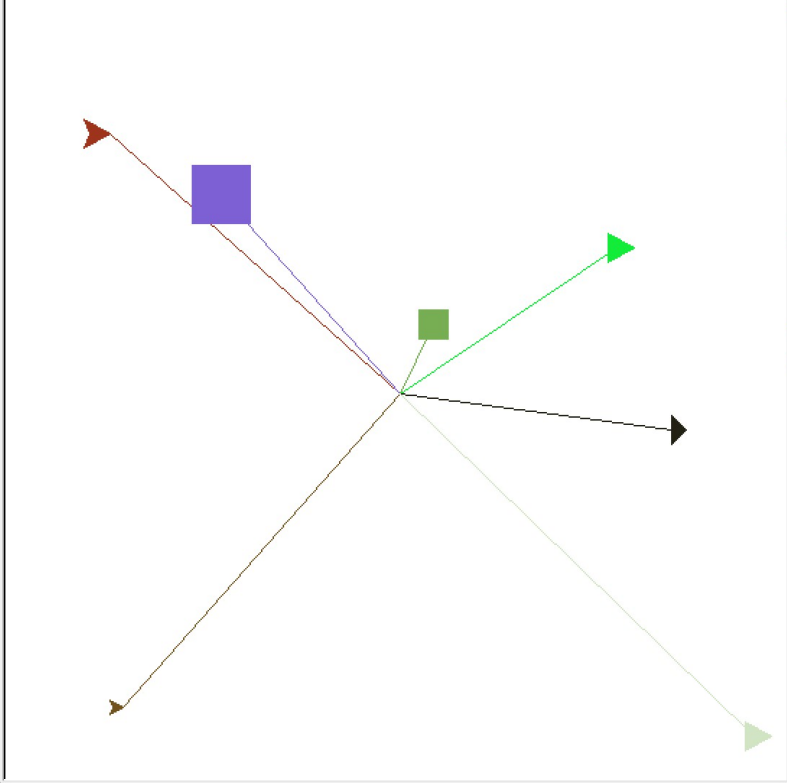
Ln: 13 Col: 46

```
*IDLE Shell 3.10.2*
File Edit Shell Debug Options Window Help

Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit
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래밍\0403.py =====
거북이 표현 개수: 7

거북 리스트 활용
```



Ln: 16 Col: 0