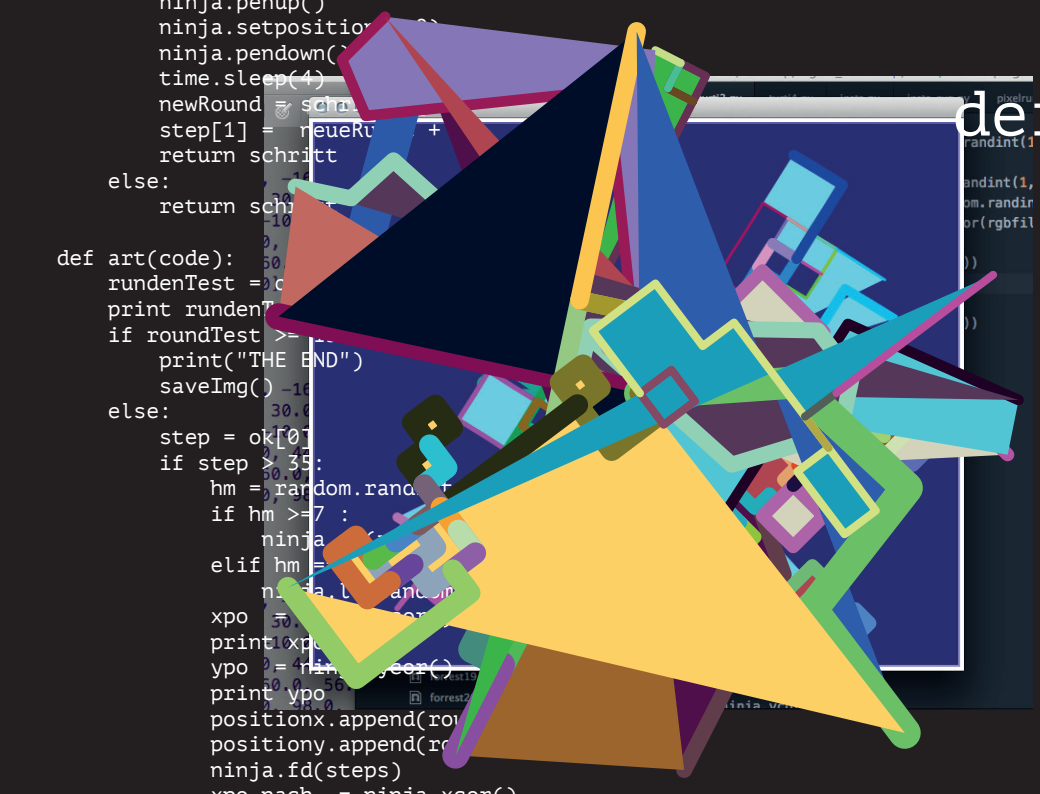
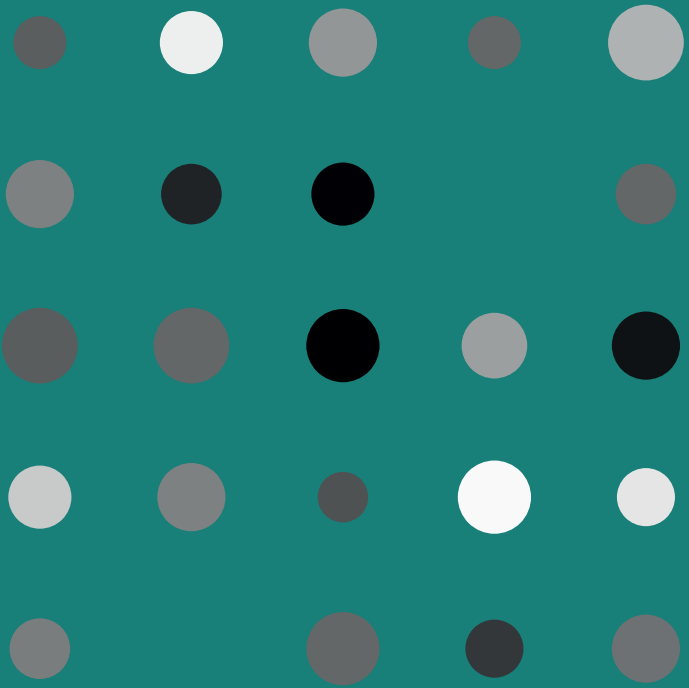


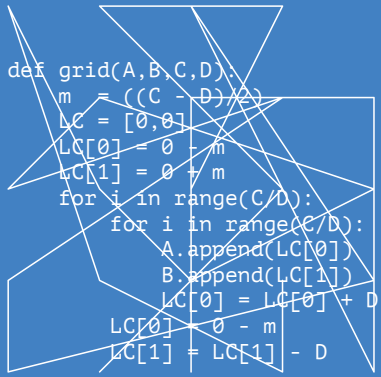
```
def Algorithm():
try:
    code[]
except:
    pass
```

{1.0}
marco.spitzbarth

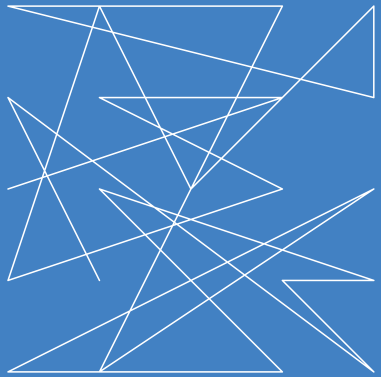
```
def intro():
    hello = user[Name]
    try:
        playground(1)
    except:
        close()

def grid(A,B,C,D):
    m  = ((C - D)/2)
    LC = [0,0]
    LC[0] = 0 - m
    LC[1] = 0 + m
    for i in range(C/D):
        for i in range(C/D):
            A.append(LC[0])
            B.append(LC[1])
            LC[0] = LC[0] + D
        LC[0] = 0 - m
        LC[1] = LC[1] - D

intro.grid(X,Y,300,60)
print.saveImg[]

sys.nextPage()
```



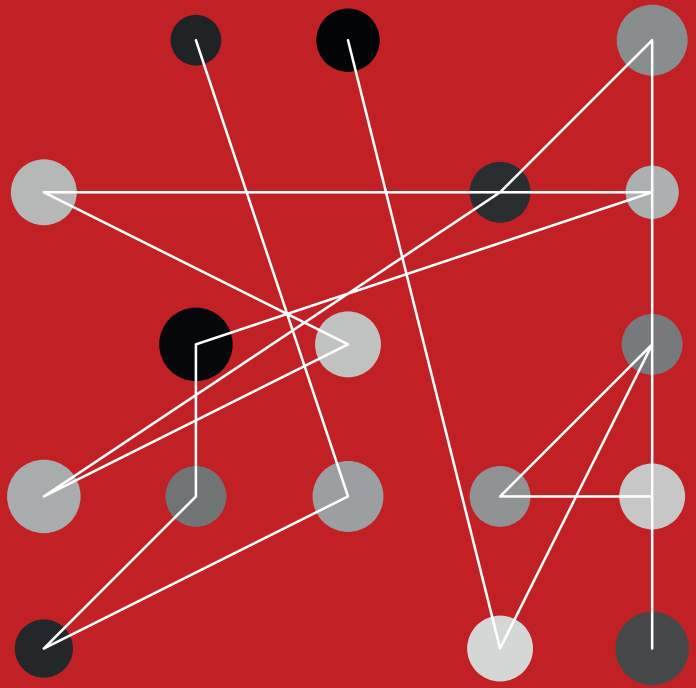
```
def line(grid):
    for dots in grid:
        draw.line()
```

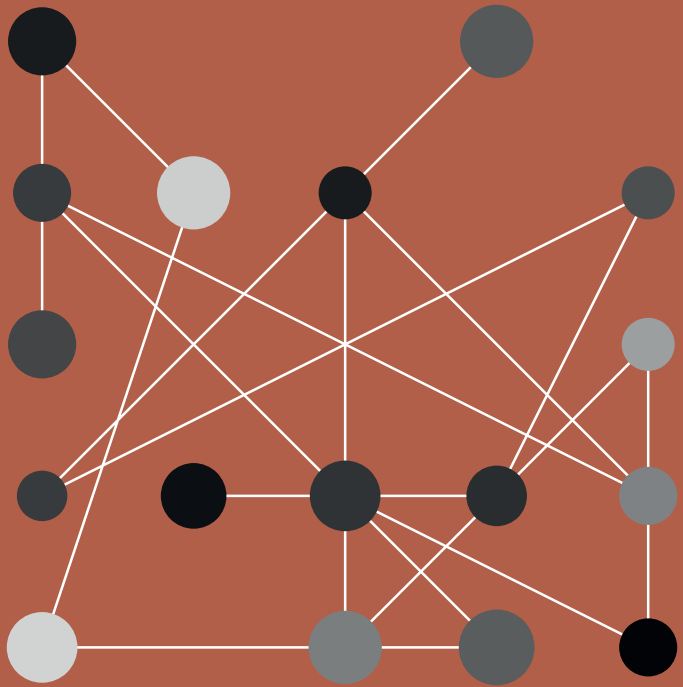


```
def grid(A,B,C,D):
    m  = ((C - D)/2)
    LC = [0,0]
    LC[0] = 0 - m
    LC[1] = 0 + m
    for i in range(C/D):
        for i in range(C/D):
            A.append(LC[0])
            B.append(LC[1])
            LC[0] = LC[0] + D
        LC[0] = 0 - m
        LC[1] = LC[1] - D

intro.grid(X,Y,300,60)
print.saveImg[]

sys.nextPage()
```

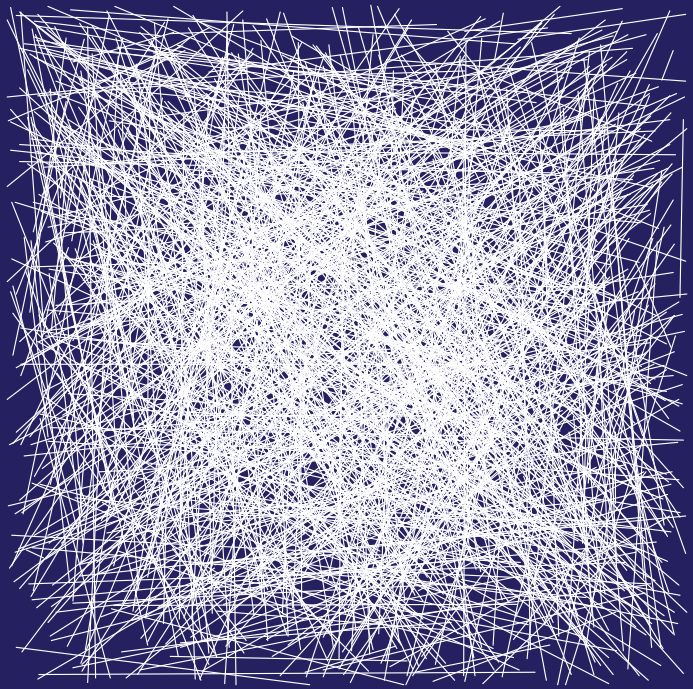


```
for dots in line:
    connect(dots)
```

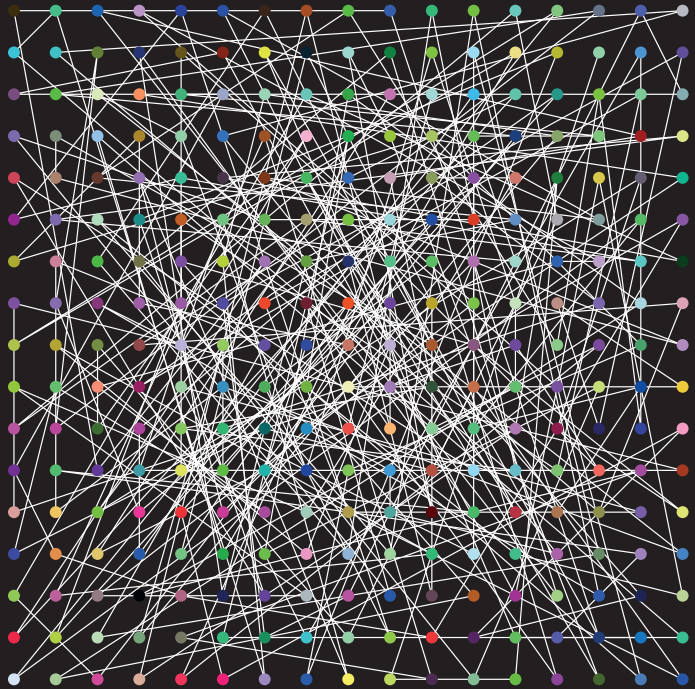


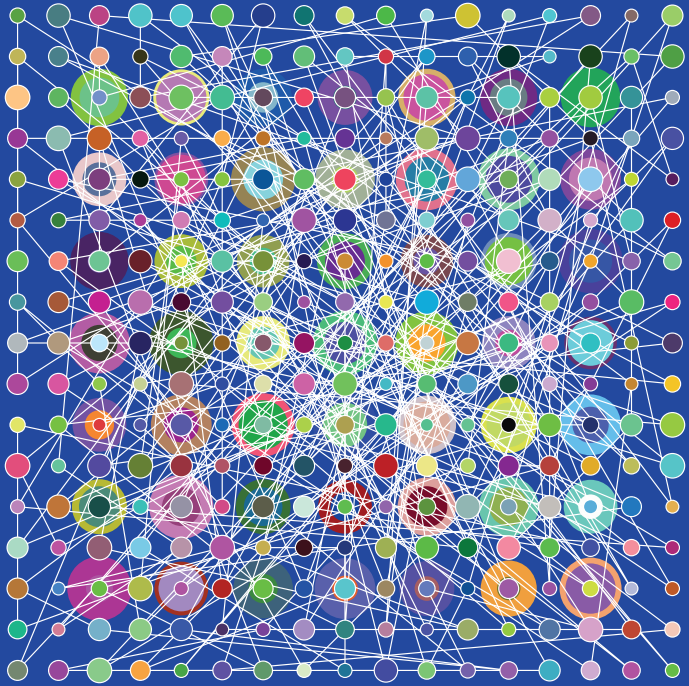


white_ninja(999)

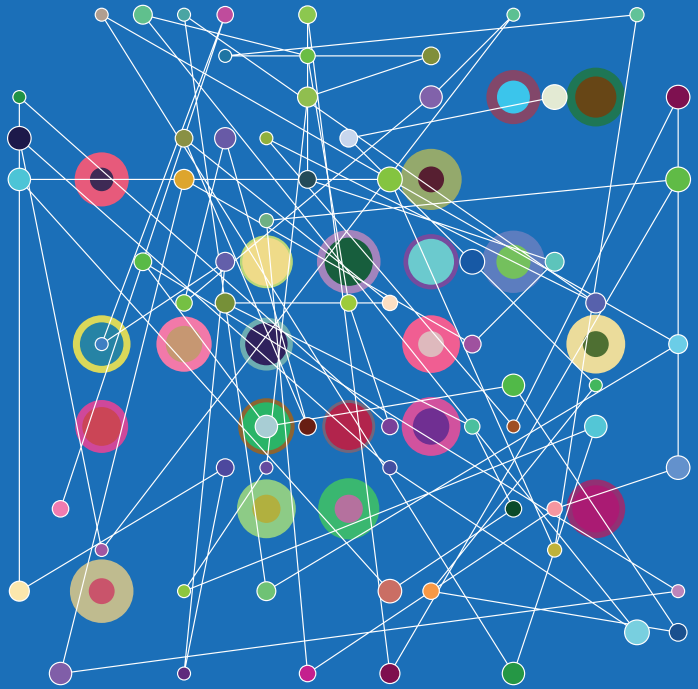


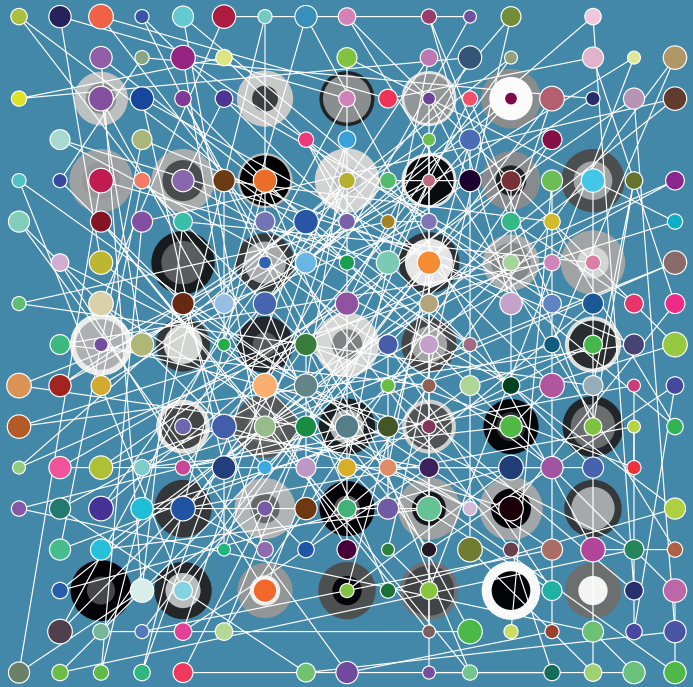
```
def gridNinja(x,y,z1,z2):
    target= range(len(x))
    random.shuffle(target)
    for idx, val in enumerate(target):
        ninja.setposition(x[val],y[val])
        ninja.pendown()
        if z1 < z2:
            rad1 = randint(z1,z2)
        else:
            rad1 = z1
        ninja.dot((rad1+2),"#ffffff")
        ninja.dot(rad1,ninjaRColor())
        ninja.penup()
```

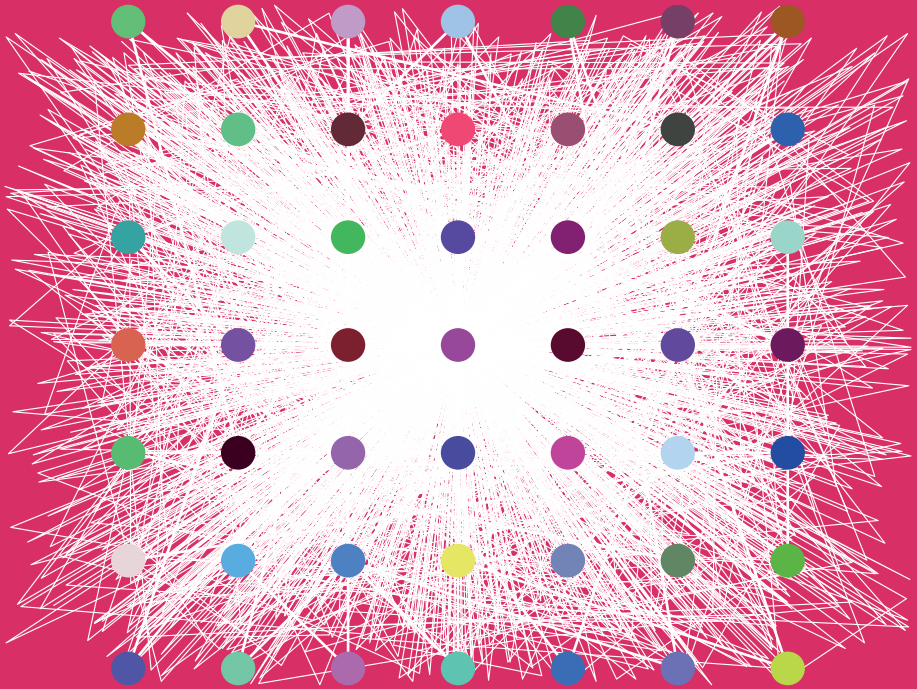


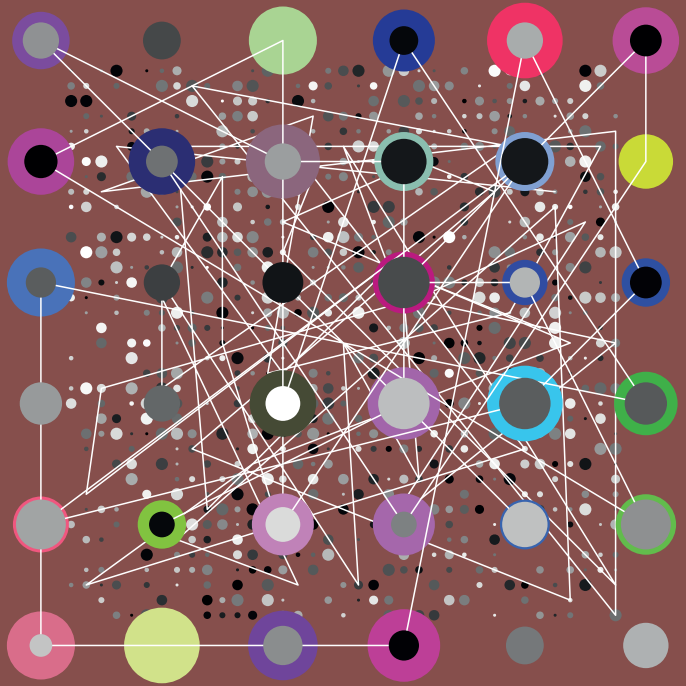


```
ninja.speed(5)
ninja.screen.bgcolor("#2569b2")

ninja.penup()

x = 0
y = 0

gridListX = []
gridListY = []

grid(gridListX,gridListY,490,70)

gridNinja(grid,45,55,1)
gridNinja(grid,20,43,0.1)

saveImg()
```

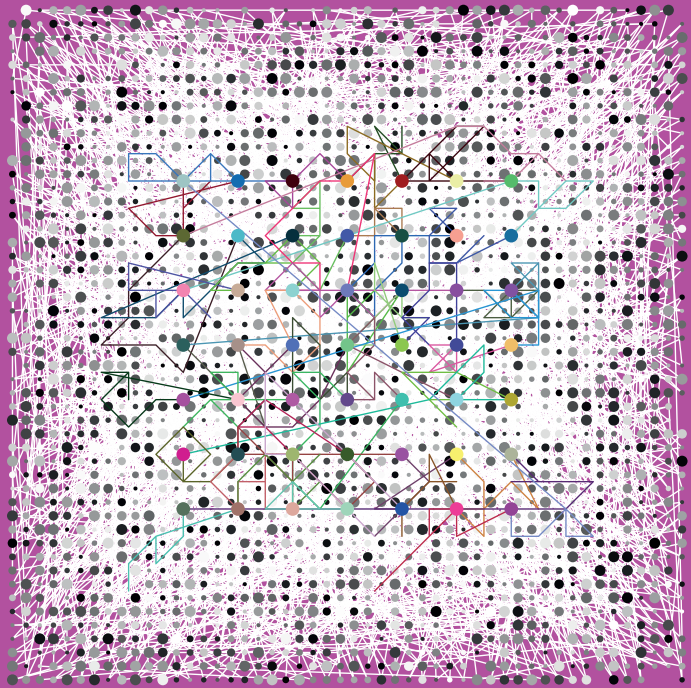




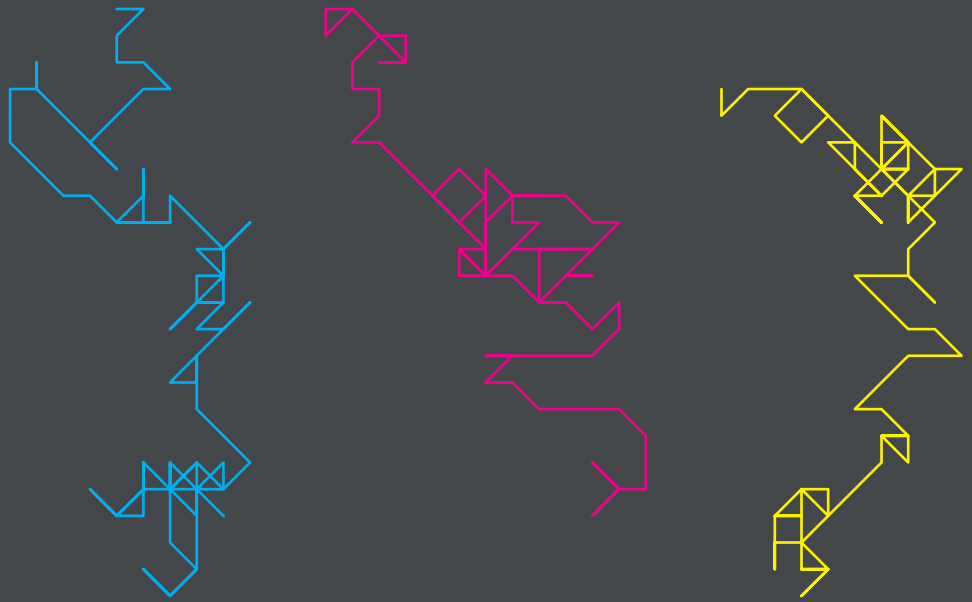




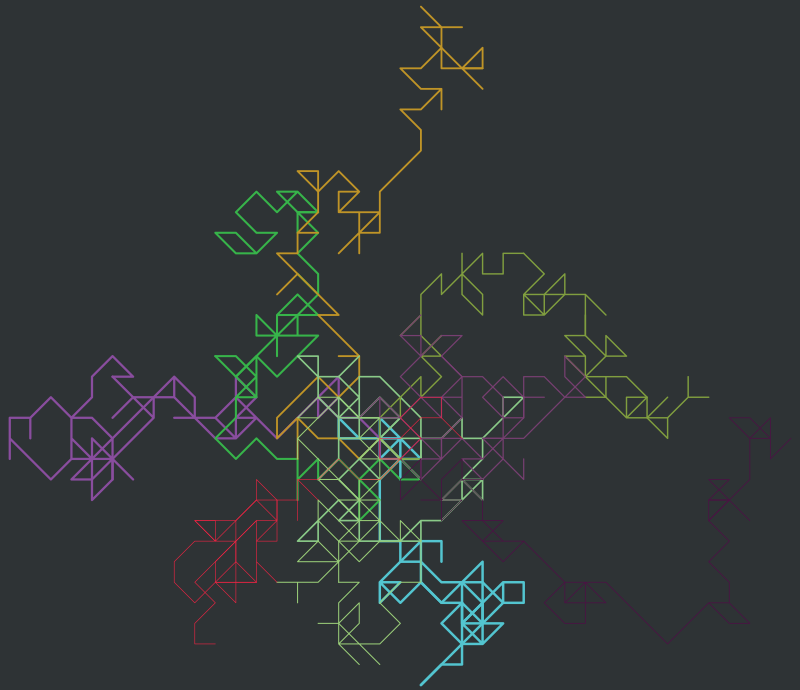
```
combine.event[]
start.party()

x = 0;listX =[]
y = 0;listY =[]

grid(x,y,listX,listY,500,10)
kor = korList(listX,listY)
cut = cutGrid(kor,2300)
gridLine(cut)
gridDot(cut,3,8,0.01,2)

listX = []
listY = []
grid(x,y,listX,listY,280,40)
kor = korList(listX,listY)

for i in range(len(kor)):
    origami(listX[i],listY[i],20,8,1)

rasterDot(kor1,10,10,0.01,1)

print.saveImg[]
sys.nextPage()
```

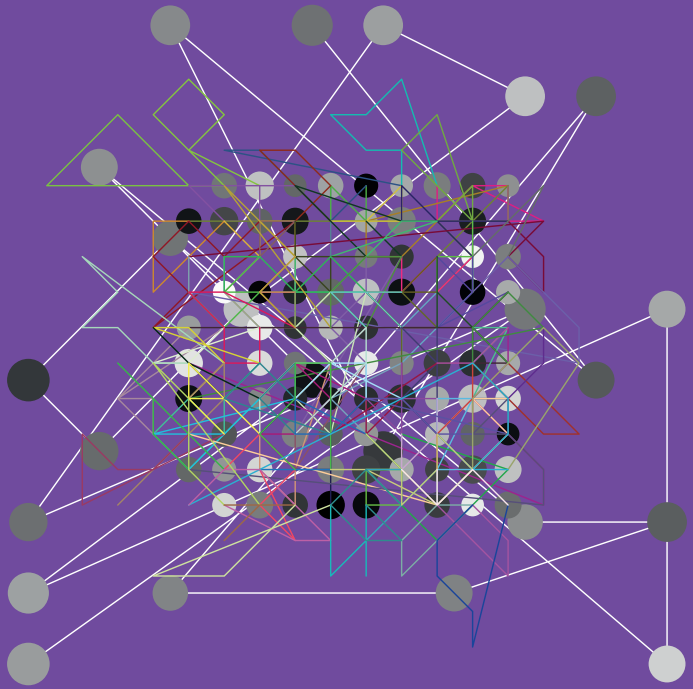


```
def origami()
    if   step == 1 :
        x = x + 10
        y = y
    elif step == 2:
        x = x + 10
        y = y + 10
    elif step == 3:
        x = x
        y = y + 10
    elif step == 4:
        x = x - 10
        y = y
    elif step == 5:
        x = x
        y = y - 10
    elif step == 6:
        x = x - 10
        y = y - 10
    elif step == 7:
        x = x - 10
        y = y + 10
    elif step == 8:
        x = x + 10
        y = y - 10
    origami.goto(x,y)
```



origami.fold()






import art from code
def saveImg():
playground = 50
ninja.penup()
ninja.setposition(0,0)
ninja.pendown()

```
if xnow > randro:
    stopx = 1
elif xnow< randlu:
    stopx = 1
else:
    stopx = 0
if ynow> randro:
    stopy = 1
elif ynow< randlu:
    stopy = 1
else:
    stopy = 0
if xnow
    xindex = a      index(xjetzt)
else:
    xindex = int()
if  ally[xindex] == ynow:
    rgb1 = '#%02x%02x%02x' % (random.r        5),        55)  andom.randint(1,255))
    ninja.screen.bgcolor(rgb1)
    rgb = '#%02x%02x%02x' % (random.ra        ando        rando   andint(1,255))
    rgbfill = '#%02x%02x%02x' % (fill
    ninja.pencolor(rgb);ninja.fillcol
    print("alert!")
if yjetzt in alley:
    yindex = alley.index(yjetzt)
else:
    yindex = int()
    while positionx:
        positionx.pop(0)
    while positiony:
        positiony.pop(0)
```