ADVANCED

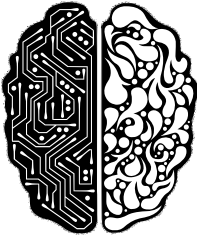## DESCRIPTION
Combine many features in one program.

BEHAVIOUR

This routine uses a library which can generate random numbers. It assigns random colors to random pixels every half second.

```python
# Sets random pixels to random colors
from vgkits.random import randint
clearPixels()
colors = [red, blue, green, yellow, purple]
while 1 == 1:
    pixelPos = randint(8)
    colorPos = randint(len(colors))
    color = colors[colorPos]
    color = darkenRgb(color)
    setPixel(pixelPos, color)
    sleep(0.5)
```

vgkits.co.uk/rainbow