

## ~/Documents/Saint Louis/TIPE/TIPE2/Image-ConverterSlowy.py

```
1 import time, pygame, sys, os
2 pygame.init
3 width, height = 2400, 400
4 backgroundColor = 255, 255, 255
5 pygame.display.set_caption("Road")
6 pausetime = 0.2
7
8 carHeight = 50
9 startingY = 200
10 startingX = 50
11
12 colorCar1 = 255, 0, 0
13 colorCar2 = 0, 255, 0
14 colorCar3 = 0, 0, 255
15 colorCar4 = 0, 255, 255
16 colorCar5 = 255, 0, 255
17 colorCar6 = 255, 255, 0
18 colorCar7 = 0, 0, 0
19 colorCar8 = 127, 0, 127
20 colorCar9 = 127, 0, 255
21 colorCar10 = 127, 127, 0
22 colorCar11 = 255, 127, 0
23 colorCar12 = 0, 127, 127
24
25 #fake Variables
26 printColor = 255, 255, 255
27
28 carColors = [backgroundColor, colorCar1, colorCar2, colorCar3, colorCar4, colorCar5, colorCar6, colorCar7, colorCar8,
29 colorCar9, colorCar10, colorCar11, colorCar12, printColor, printColor]
30
31 screen = pygame.display.set_mode((width, height))
32
33 dir = sys.argv[1]
34
35 dirList = []
36 for filename in os.listdir(dir) :
```

```
36     dirList.append(filename)
37
38 dirList = sorted(dirList)
39
40 for filename in dirList :
41     f = open(str(dir + '/' + filename), "r")
42     tab = []
43     text = f.readline()
44     while text != "end\n" :
45         tab.append(int(text))
46         text = f.readline()
47     f.close()
48
49     screen.fill (backgroundColor)
50     x = startingX
51     for car in tab:
52         for y in range(carHeight):
53             screen.set_at((x, y+startingY), carColors[car])
54             x+=1
55
56     pygame.display.flip()
57     time.sleep(pausetime)
58
```