LED DISPLAY PY:

from droneblocks.DroneBlocksTello import DroneBlocksTello

import time

import random

found\_ids = [] # Array to store the found mission pad IDs

tello = DroneBlocksTello()

tello.enable\_mission\_pads()

tello.set\_mission\_pad\_detection\_direction(0)

tello.clear\_display()

tello.set\_top\_led(r=255, g=0, b=0)

tello.takeoff()

time.sleep(2) # Wait for 2 seconds after takeoff

dist = 250

while True:

tello.flip\_forward(10,'cm')

id = tello.get\_mission\_pad\_id()

if 1 <= id <= 8:

print(f"Mission Pad {id} found!" )

break

if tello.get\_distance\_tof() > dist:

break

from droneblocks.DroneBlocksTello import DroneBlocksTello

import time

tello = DroneBlocksTello()

tello.connect()

tello.takeoff()

battery = tello.get\_battery()

print(f"Battery %: {battery}")

if battery > 70:

tello.display\_smile("PURPLE")

elif battery > 40:

#if you want to display a picture, you have to assign all 64 cells a color

# 0 - black

# r - red

# b - blue

# p - purple

tello.\_display\_pattern("0000000000r00r0000r00r0000r00r00000000000000000000rrrr0000000000")

else:

tello.display\_sad("PURPLE")

time.sleep(4)

tello.land()

MISSION PADS:

from droneblocks.DroneBlocksTello import DroneBlocksTello

import time

import random

found\_ids = [] # Array to store the found mission pad IDs

tello = DroneBlocksTello()

tello.enable\_mission\_pads()

tello.set\_mission\_pad\_detection\_direction(0) #0 means downwards

tello.fly\_up(30, "cm")

tello.clear\_display()

tello.set\_top\_led(r=255, g=0, b=0) #set to red

tello.takeoff()

time.sleep(2) # Wait for 2 seconds after takeoff

dist = 250

while True:

tello.flip\_forward(10,'cm')

id = tello.get\_mission\_pad\_id()

if 1 <= id <= 8:

print(f"Mission Pad {id} found!" )

tello.disable\_mission\_pads()

break

if tello.get\_distance\_tof() > dist:

break

tello.land()