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| --- |
| Import time |
|  | import tkinter |
|  | import RPi.GPIO as GPIO |
|  |  |
|  | kar = tkinter.Tk() |
|  |  |
|  | kar.title("STOP STOP STOP") |
|  | kar.geometry("500x300") |
|  | kar.configure(background = "white") |
|  |  |
|  | GPIO.setmode(GPIO.BCM) |
|  | GPIO.setwarnings(False) |
|  |  |
|  | redlight = 25 |
|  |  |
|  | yellowlight = 23 |
|  |  |
|  | greenlight = 14 |
|  |  |
|  | GPIO.setup(redlight, GPIO.OUT) |
|  |  |
|  | GPIO.setup(yellowlight, GPIO.OUT) |
|  |  |
|  | GPIO.setup(greenlight, GPIO.OUT) |
|  |  |
|  |  |
|  | def fun(): #Red |
|  | GPIO.output(greenlight, 0) |
|  | GPIO.output(yellowlight, 0) |
|  | GPIO.output(redlight, 1) |
|  |  |
|  | def fun1(): #Yellow |
|  | GPIO.output(redlight, 0) |
|  | GPIO.output(yellowlight, 1) |
|  | GPIO.output(greenlight, 0) |
|  |  |
|  | def fun2(): #Green |
|  | GPIO.output(yellowlight, 0) |
|  | GPIO.output(greenlight, 1) |
|  | GPIO.output(redlight, 0) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | k = tkinter.Label(kar, text="START ", bg = "white", fg = "black" ) |
|  | p = tkinter.Label(kar, text="SLOW", bg = "white", fg = "black" ) |
|  | v = tkinter.Label(kar, text="REACH", bg = "white", fg = "black" ) |
|  |  |
|  | s = tkinter.Label(kar, bg = "green") |
|  |  |
|  | X = tkinter.Label(kar, bg = "green") |
|  |  |
|  | msg = tkinter.Button(kar, text = "STOP", bg = "red", command=fun) |
|  |  |
|  | X1 = tkinter.Label(kar, bg = "sky blue") |
|  |  |
|  | msgA = tkinter.Button(kar, text = "WAIT", bg = "Yellow", command=fun1) |
|  |  |
|  | X2 = tkinter.Label(kar, bg = "sky blue") |
|  |  |
|  | msgB = tkinter.Button(kar, text = "LEAVE", bg = "green", command=fun2) |
|  |  |
|  |  |
|  | k.pack() |
|  | p.pack() |
|  | v.pack() |
|  | s.pack() |
|  | msg.pack() |
|  | X.pack() |
|  | msgA.pack() |
|  | X1.pack() |
|  | msgB.pack() |
|  | X2.pack() |
|  |  |
|  | kar.mainloop() |