import tornado.httpserver

import tornado.ioloop

import tornado.options

import tornado.web

import tornado.websocket

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BCM)

GPIO.setwarnings(False)

GPIO.setup(25,GPIO.OUT)

GPIO.setup(24,GPIO.OUT)

p=GPIO.PWM(25,50)

q=GPIO.PWM(24,50)

class WebSocketHandler(tornado.websocket.WebSocketHandler):

def open(self):

pass

def on\_message(self,message):

self.write\_message(u"Your message Jimmy was: " + message)

if message ==("forward"):p.start(100)

self.write\_message("Starting forward")

if message ==("forward off"):p.stop()

self.write\_message("Stopping forwards")

if message ==("backward"):q.start(100)

self.write\_message("going backwards")

if message ==("backward off"):q.stop()

self.write\_message("Stopping backwards")

def on\_close(self):

pass

class Application(tornado.web.Application):

def \_\_init\_\_(self):

handlers = [(r'/websocket',WebSocketHandler)]

tornado.web.Application.\_\_init\_\_(self,handlers)

if \_\_name\_\_ == '\_\_main\_\_':

ws\_ap = Application()

server = tornado.httpserver.HTTPServer(ws\_ap)

server.listen(8080)

tornado.ioloop.IOLoop.instance().start()