import RPi.GPIO as GPIO # Importing RPi library to use the GPIO pins

import time

EN1 = 25 # Initializing the GPIO pin 25 for the enable 1

IN1 = 26 # Initializing the GPIO pin 26 for input 1 of the motor driver

IN2 = 27 # Initializing the GPIO pin 27 for input 2 of the motor driver

GPIO.setmode(GPIO.BCM) # We are using the BCM pin numbering

GPIO.setup(EN1,GPIO.OUT) ## Declaring as EN1 output pin

GPIO.setup(IN1,GPIO.OUT) ## Declaring as IN1 output pin

GPIO.setup(IN2, GPIO.OUT) ## Declaring as IN2 output pin

#clear GPIOs

def destroy():

GPIO.output(25, False)

GPIO.output(26, False)

GPIO.output(27, False)

GPIO.cleanup()

def Clockwise():

GPIO.output(25, True)

GPIO.output(26, True)

GPIO.output(27, False)

def AntiClockwise():

GPIO.output(25, True)

GPIO.output(26, False)

GPIO.output(27, True)

def Stop():

GPIO.output(25, False)

GPIO.output(26, False)

GPIO.output(27, False)

if \_name\_ == '\_main\_': # Program start from here

try:

while True: # Loop will run forever

Clockwise()

time.sleep(2)

Stop()

time.sleep(1)

AntiClockwise()

time.sleep(2)

Stop()

time.sleep(1)

# If keyboard Interrupt (CTRL-C) is pressed

except KeyboardInterrupt:

destroy()