import raspberry pi GPIO module import RPi.GPIO as GPIO

#import time module for delay

import time

#give all the board pins in list to iterate one by one

pins = [3, 5, 7, 8, 10, 11, 12, 13, 15, 16, 18, 19, 21, 22, 23, 24, 26, 27, 28, 29, 31, 32, 33, 35, 36, 37, 38, 40]

#setting each board pins as output pin

for pin in pins:

GPIO.setup(pin, GPIO.OUT)

#checking each pin for even or odd

for i in pins:

if i%2==0:

#blinking twice for even pin

for x in range(2):

GPIO.output(i, GPIO.HIGH)

time.sleep(1.0)

GPIO.output(i, GPIO.LOW)

time.sleep(1.0)

#blinking remaining pin ones as the remaining pins are odd

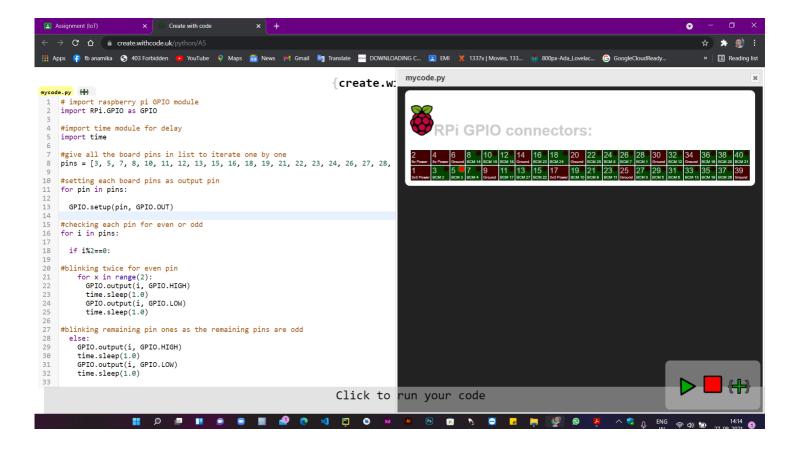
else:

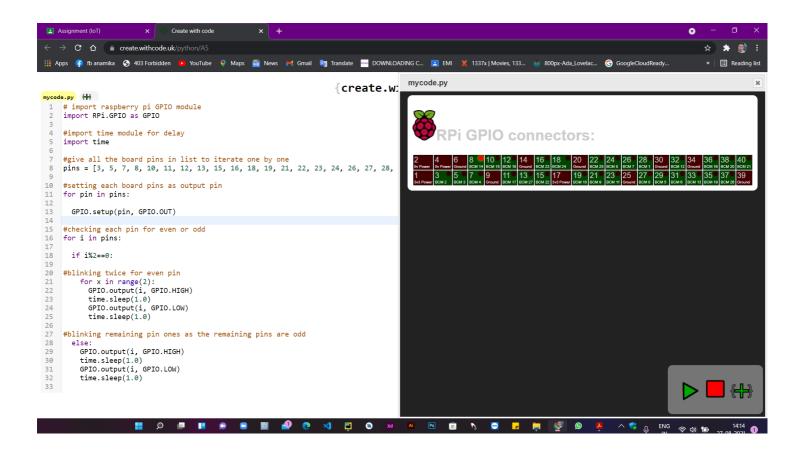
GPIO.output(i, GPIO.HIGH)

time.sleep(1.0)

GPIO.output(i, GPIO.LOW)

time.sleep(1.0)





You can also run this code or watch this video.