import smbus

from time import \*

class i2c\_device:

def \_\_init\_\_(self, addr, port=1):

self.addr = addr

self.bus = smbus.SMBus(port)

# Write a single command

def write\_cmd(self, cmd):

self.bus.write\_byte(self.addr, cmd)

sleep(0.0001)

# Write a command and argument

def write\_cmd\_arg(self, cmd, data):

self.bus.write\_byte\_data(self.addr, cmd, data)

sleep(0.0001)

# Write a block of data

def write\_block\_data(self, cmd, data):

self.bus.write\_block\_data(self.addr, cmd, data)

sleep(0.0001)

# Read a single byte

def read(self):

return self.bus.read\_byte(self.addr)

# Read

def read\_data(self, cmd):

return self.bus.read\_byte\_data(self.addr, cmd)

# Read a block of data

def read\_block\_data(self, cmd):

return self.bus.read\_block\_data(self.addr, cmd)