**CODE FOR GAS SENSOR**

import math  
import sys  
import time  
from grove.adc import ADC  
  
  
class GroveGasSensorMQ9:  
  
 def \_\_init\_\_(self, channel):  
 self.channel = channel  
 self.adc = ADC()  
  
 @property  
 def MQ9(self):  
 value = self.adc.read(self.channel)  
 return value  
  
Grove = GroveGasSensorMQ9  
  
  
def main():  
 if len(sys.argv) < 2:  
 print('Usage: {} adc\_channel'.format(sys.argv[0]))  
 sys.exit(1)  
  
 sensor = GroveGasSensorMQ9(int(sys.argv[1]))

print('Detecting...')  
 while True:  
 print('Gas value: {0}'.format(sensor.MQ9))  
 time.sleep(.3)  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 main()

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