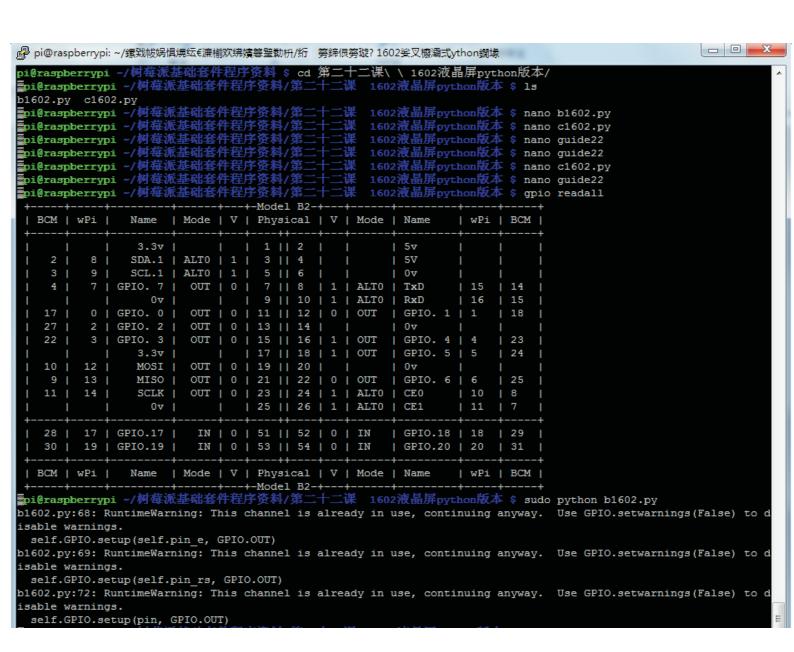


树莓派第二十二课 1602液晶屏python版本



```
GNU nano 2.2.6
                                                    File: c1602.py
     LCD_CURSORMOVE
                                         = 0x00
     # flags for display/cursor shift
LCD_DISPLAYMOVE = 0x
                                        = 0x08
     LCD CURSORMOVE
     LCD_MOVERIGHT
                                        = 0 \times 0.4
     LCD MOVELEFT
                                         = 0x00
     LCD_8BITMODE
LCD_4BITMODE
                                         = 0x10
                                         = 0x00
     LCD 2LINE
                                         = 0x08
     LCD_1LINE
                                         = 0x00
     LCD_5x10DOTS
LCD_5x8DOTS
                                         = 0x04
                                         = 0x00
          __init__ (self, pin_rs=14, pin_e=15, pins_db=[17, 18, 27, 22], GPIO = None):

# Emulate the old behavior of using RPi.GPIO if we haven't been given
# an explicit GPIO interface to use
if not GPIO:
              import RPi.GPIO as GPIO
          self.GPIO = GPIO
          self.pin_rs = pin_rs
          self.pin e = pin e
          self.pins_db = pins_db
          self.GPIO.setmode(GPIO.BCM)
          self.GPIO.setup(self.pin_e, GPIO.OUT)
          self.GPIO.setup(self.pin_rs, GPIO.OUT)
          for pin in self.pins db:
               self.GPIO.setup(pin, GPIO.OUT)
          self.write4bits(0x33) # initialization
self.write4bits(0x32) # initialization
self.write4bits(0x28) # 2 line 5x7 matrix
self.write4bits(0x0C) # turn cursor off 0x0E to enable cursor
          self.write4bits(0x06) # shift cursor right
                                                                                                                                                 Ε
                                                            [ Read 264 lines ]
                                                                                                                   ^C Cur Pos
^T To Spel:
                       ^O WriteOut
^J Justify
   Get Help
                                              ^R Read File
                                                                      ^Y Prev Page
                                                                                            ^K Cut Text
                                                                        Next Page
   Exit
                                                 Where Is
                                                                                                UnCut Text
                                                                                                                      To Spell
```



