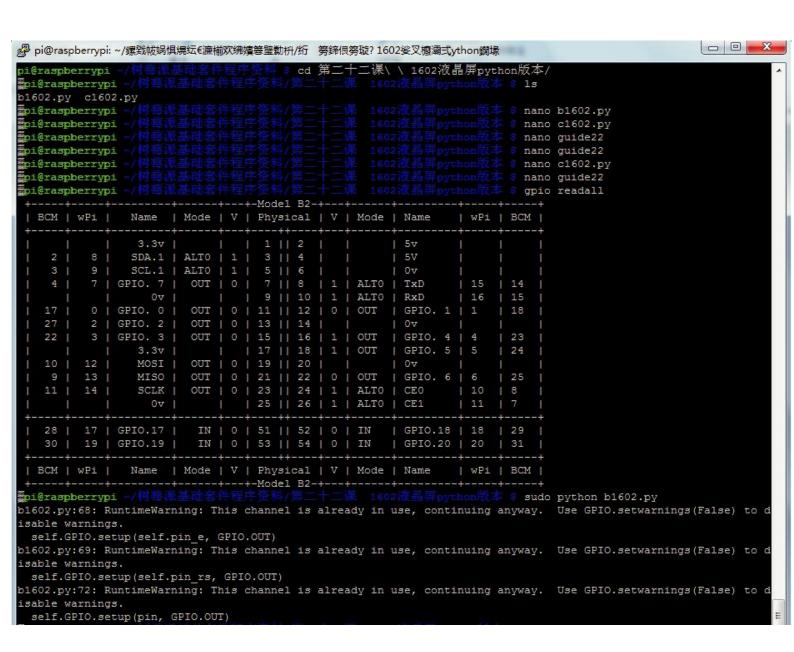
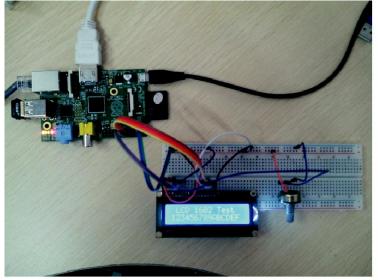


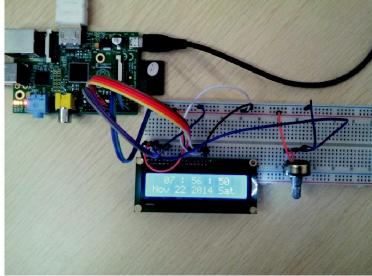
Project 22: 1602 LCD (python version)



```
_ U X
i❷ pi@raspberrypi: ~/鑲致被娲俱ļ填云€濂椾欢绵嬻套壁動枡/绗 等錦很勞跛? 1602後叉嗷潚式ython銀場
  GNU nano 2.2.6
                                           File: c1602.py
    LCD CURSORMOVE
                                  = 0x00
    LCD DISPLAYMOVE
                                  = 0x08
    LCD CURSORMOVE
                                  = 0x00
    LCD_MOVERIGHT
LCD_MOVELEFT
                                  = 0x04
                                  = 0x00
    LCD_SBITMODE
LCD_4BITMODE
                                  = 0x10
                                  = 0x00
    LCD 2LINE
                                  = 0x08
    LCD_1LINE
                                  = 0x00
    LCD_5x10DOTS
LCD_5x8DOTS
                                  = 0x04
                                  = 0x00
                (self, pin_rs=14, pin_e=15, pins_db=[17, 18, 27, 22], GPIO = None):
         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) #
        self.write4bits(0x32)
        self.write4bits(0x28)
         self.write4bits(0x0C)
        self.write4bits(0x06)
                                                 [ Read 264 lines ]
                                                         ^Y Prev Page
^V Next Page
 G Get Help
                                      ^R Read File
                                                                               Cut Text
                    ^O WriteOut
                                                                                               ^C Cur Pos
   Exit
                      Justify
                                         Where Is
                                                                               UnCut Text
                                                                                                  To Spell
```

Pic. 2





Pic. 3