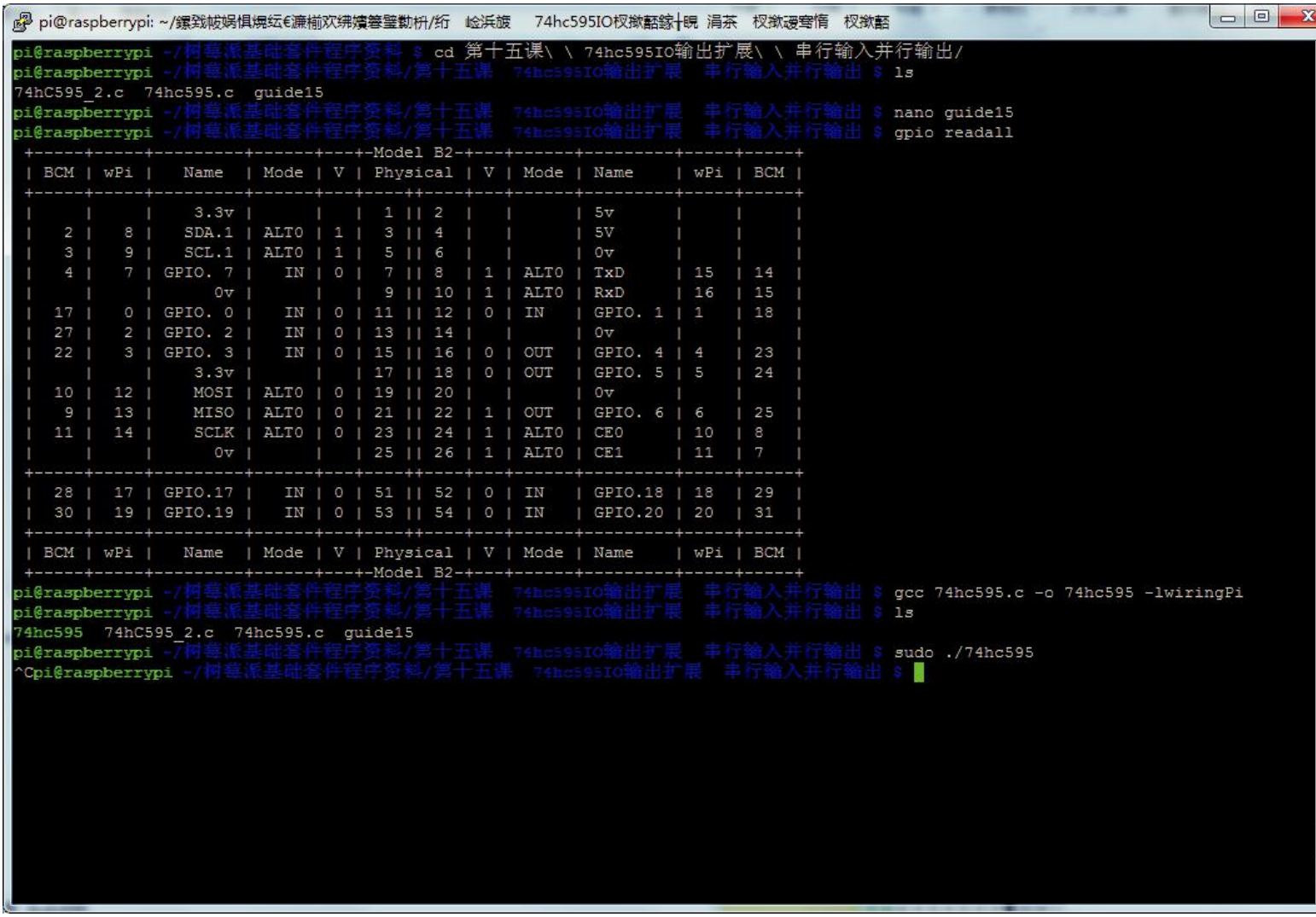
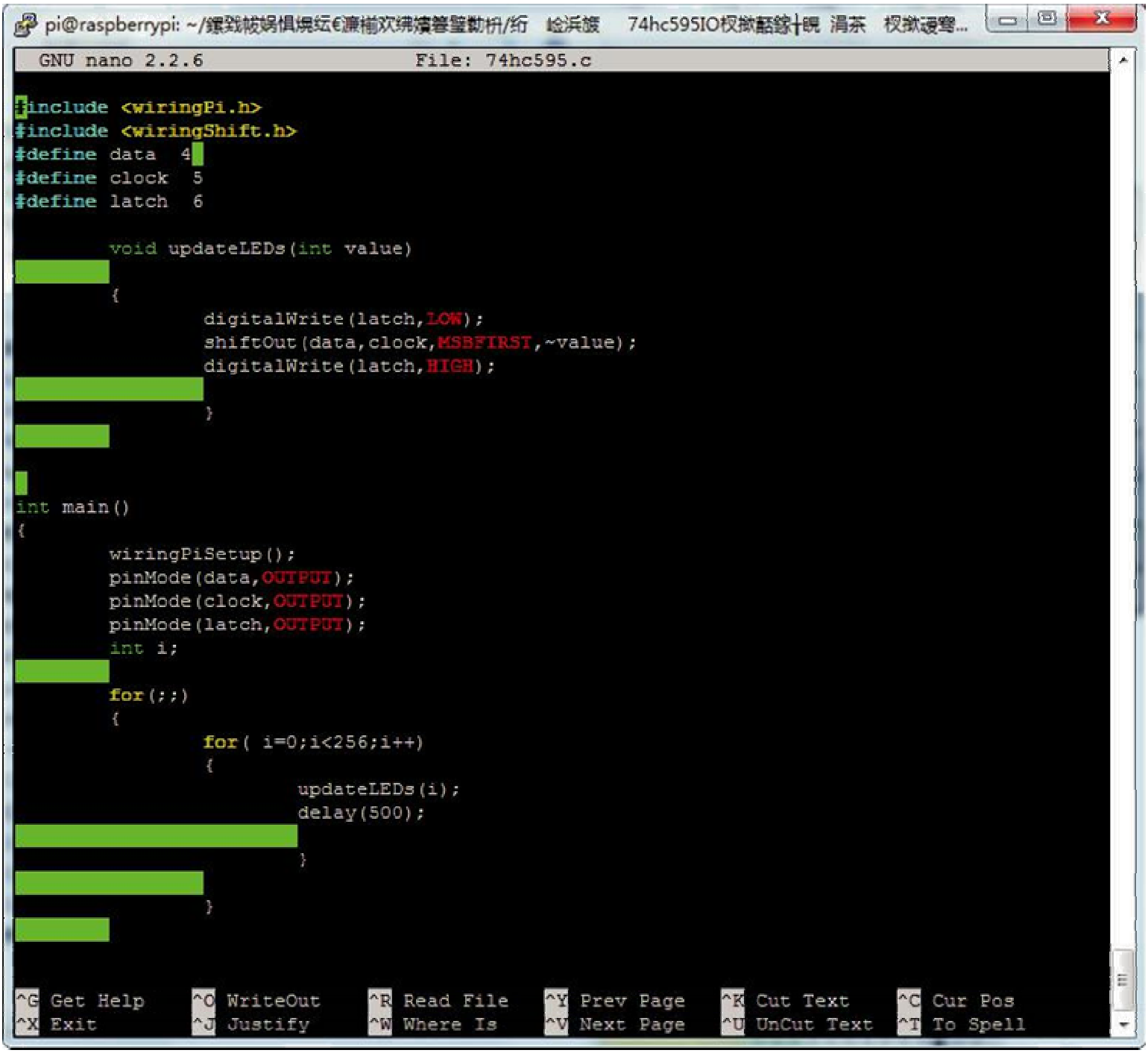
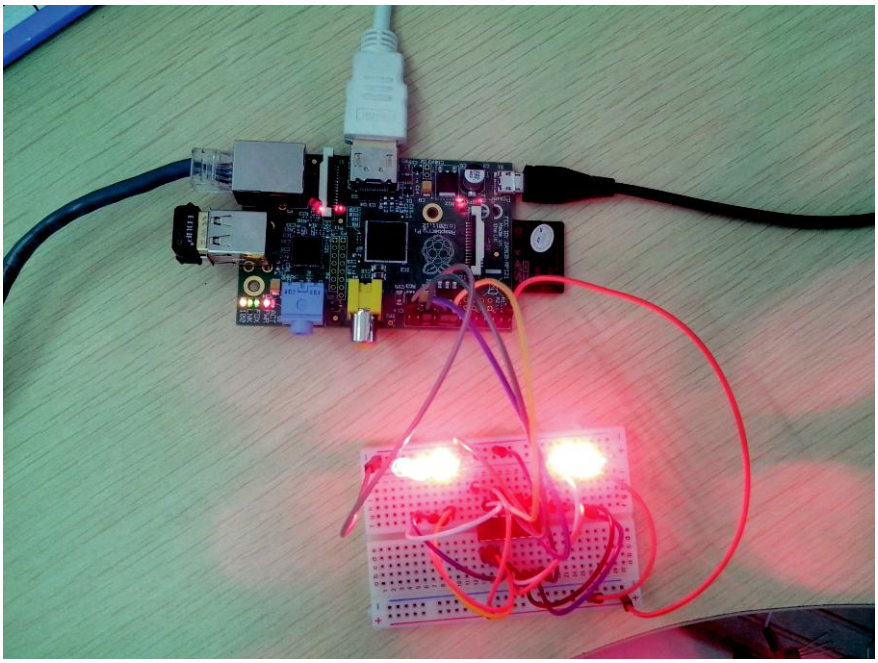
Project 15: 74hc595 Serial input & parallel output driving



Pic. 1


pi@raspberrypi: ~/鏍戣帗娲惧熀纭€濂楄欢绋嬪簭璧勬枡/绗 崄浜旇 74hc595IO杈撳嚭鎵┼睍 涓茶 杈撳叆弯...
GNU nano 2.2.6 File: 74hc595.c
#include <wiringPi.h>
#include <wiringShift.h>
#define data 4
#define clock 5
#define latch 6
void updateLEDs(int value)
{
digitalWrite(latch,LOW);
shiftOut(data,clock,MSBFIRST,~value);
digitalWrite(latch,HIGH);
}
int main()
{
wiringPiSetup();
pinMode(data,OUTPUT);
pinMode(clock,OUTPUT);
pinMode(latch,OUTPUT);
int i;
for(;;)
{
for(i=0;i<256;i++)
{
updateLEDs(i);
delay(500);
}
}
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell

Pic. 2



Pic. 3