```cpp
#include <Adafruit_NeoPixel.h>
#ifdef __AVR__
  #include <avr/power.h>
#endif
#define PIN 5
// Parameter 1 = number of pixels in strip
// Parameter 2 = Arduino pin number (most are valid)
// Parameter 3 = pixel type flags, add together as needed:
Adafruit_NeoPixel strip = Adafruit_NeoPixel(144, PIN, NEO_GRB + NEO_KHZ800);
void setup() {
  strip.begin();
  strip.show(); // Initialize all pixels to 'off'
}
void loop() {
  // Some example procedures showing how to display to the pixels:
  colorWipe(strip.Color(255, 0, 0), 144); // green
  colorWipe(strip.Color(0, 255, 0), 144); // red
  // colorWipe(strip.Color(0, 0, 255),144); // Blue
  // (strip.Color(127, 127, 127), 50); // White
  // (strip.Color(255, 255, 255), 50); // Bright White
}
// Fill the dots one after the other with a color
void colorWipe(uint32_t c, uint8_t wait)
{
  int j=0;
  {
  while (j<= 11)
  {
  int i=0;
  j=j+1;
  while (i< 12)
  {
    strip.show();

  //turn off pixel behind current hour value
  strip.setPixelColor((j-1),0,0,0);
  //turn hour pixel yellow
  strip.setPixelColor(j,255,127,0);//yellow-green
```

```
  //turn minute pixel to --

 if ((i==0)&&(j!=11))strip.setPixelColor(11,0,0,0);//off

   strip.setPixelColor(i, 127,127,127);//white

 //turn off pixel behind minute value

 if (j<=11)  strip.setPixelColor((i-1),0,0,0);

 if (i==12)  strip.setPixelColor(i,0,0,0);


 // for 12:00am and pm

 if (j==12)  strip.setPixelColor(i,255,127,0);//yellow

 if ((j==12)&&(i>1))strip.setPixelColor((i-1),0,0,0);//off

 if ((j==12)&&(i>0))strip.setPixelColor(i,127,127,127);//white

 //if mins equals hours then turn that pixel blue

 if(i==j) strip.setPixelColor(j,0,0,255);

 //as the minutes advance to the next pixel color the hour green

 if((i-1)==j) strip.setPixelColor(j,255,0,0);

  int k=1;

 pinMode(2,INPUT);

 if (digitalRead(2)==LOW)(k=100);//fast advance unlatched

 if (digitalRead(2)==HIGH)(k=1);//fast advance latched

 int l=1;

  //adjust clock by changing 495 in quotient

  while (l<= 495)

 {

  delay(k*6);

  l=l+1;}

  delay (k*6);

  i=i+1;

 }}}}
```