int redLedPin = 13;

int count = 0;

void setup() {

 pinMode(redLedPin, OUTPUT);

 Serial.begin(9600);

 while (! Serial);

 Serial.println("Enter Y to turn on the LED:");

}

void loop(){

 if (Serial.available()){

 char ch = Serial.read();

 if (ch == 'y' || ch == 'Y'){

 digitalWrite(redLedPin, HIGH);

 Serial.println("You have turned on the LED!!");

 Serial.print("The LED was off for ");

 Serial.print(count);

 Serial.println(" seconds");

 Serial.println("If you want to switch it off, simply enter N or n!");

 count = 0;

 }

 if (ch == 'n' || ch == 'N'){

 digitalWrite(redLedPin, LOW);

 Serial.println("You have turned off the LED!!");

 Serial.print("The LED was on for ");

 Serial.print(count);

 Serial.println(" seconds");

 Serial.println("If you want to switch it on, simply enter Y or y!");

 count = 0;

 }

 }

 delay(1000);

 count += 1;

}