



Activity 5 – Blink No Delay

GROUP ACTIVITY



To Do

- ☐ Define Globals.
 - currentTime
 - lastTime
 - switchTime
 - ledState
 - millis()
- ☐ Create blink_timer() function.
- ☐ Functionalize commands in loop
 - Loop should now only consist of a single function named blink_timer()
 - blink_led() will now be called from blink_timer()



```
// ***** Setup *****  
// the setup function runs once when you press reset or power the board  
void setup() {  
  // start serial port at 9600 bps:  
  Serial.begin(9600);  
  while (!Serial) {  
    ; // wait for serial port to connect. Needed for native USB port only  
  }  
  // initialize digital pin LED_BUILTIN as an output.  
  pinMode(LED_PIN, OUTPUT);  
  // initialize timers for LED blinking  
  lastTime = millis();  
  currentTime = lastTime;  
} // end setup
```