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```cpp
/**
   Blink
   Turns on an LED on for one second, then off for one second, repeatedly.

   This example code is in the public domain.
*/

int status;

void setup() {
  // initialize the digital pin as an output.
  pinMode(PIN_LED1, OUTPUT);
}

void loop() {
  status = digitalRead(PIN_BTN1);
  digitalWrite(PIN_LED1, status);
}
```