

Introduction to Arduino / Circuits with Tinkercad

The screenshot shows a Tinkercad workspace. On the left, a breadboard simulation is displayed with a red LED connected to digital pin 13 and ground. Below it, an Arduino Uno board is shown with a USB cable connected. A red line connects the breadboard pin 13 to the Arduino's digital pin 13. The right side of the screen shows the Arduino IDE code editor with the following sketch:

```
//  
void setup()  
{  
  pinMode(LED_BUILTIN, OUTPUT);  
}  
  
void loop()  
{  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(300); // wait for 1000 millisecond(s)  
  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(4000);  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(1500);  
  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, HIGH);  
  delay(300); // Wait for 1000 millisecond(s)  
  digitalWrite(LED_BUILTIN, LOW);  
  delay(300); // wait for 1000 millisecond(s)
```

