// global variable for a number of times to blink the LED

int times = 5;

int blueLED = 2;

int greenLED = 3;

void setup() {

  // initialize digital pin LED\_BUILTIN as an output.

  pinMode(LED\_BUILTIN, OUTPUT);        // sets the digital pin as output

  Serial.begin(9600);

}

void loop() {

   // Blink the Red Led 2 times

   blink(blueLED, 2);

   delay(1000);

   // Blink the Green Led 3 times

   blink(greenLED, 3);

   delay(1000);

}

boolean blink(int ledColor, int blinkTimes)   
{

      for (int i = 0; i < blinkTimes; i++) {

            digitalWrite(ledColor, HIGH);

            delay(500);

            digitalWrite(ledColor, LOW);

            delay(500);

      }

      return true;

}