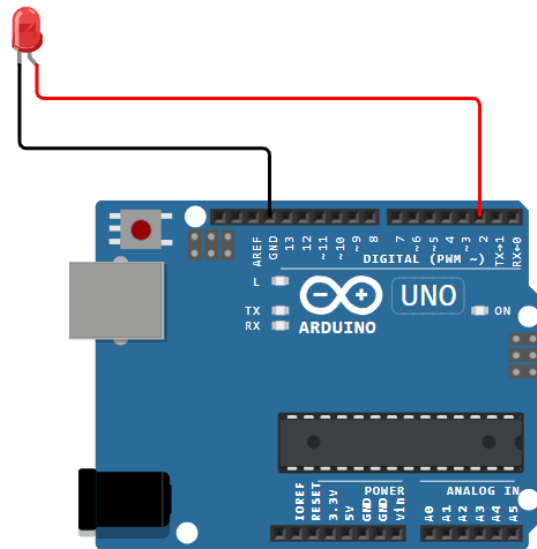


Write the Arduino code and implement the program to blink an LED using Arduino board.



Arduino Code

//Define the LED pin

`#define LED_PIN 2` *//Change this to the desired pin number*

`void setup() {`

`pinMode(LED_PIN, OUTPUT);`

`}`

`void loop() {`

// Blink the LED

`digitalWrite(LED_PIN, HIGH);` *//Turn LED on*

`delay(1000);` *// Wait for 1 second*

`digitalWrite(LED_PIN, LOW);` *// Turn LED off*

`delay(1000);` *// Wait for 1 second*

`}`